SRM VALLIAMMAI ENGINEERING COLLEGE (An Autonomous Institution)

SRM Nagar, Kattangulathur – 603 203

DEPARTMENT OF COMPUTER APPLICATIONS

QUESTION BANK

Academic Year 2024-2025



I SEMESTER

MC4163 - Python Programming (Regulation – 2024)

(AY: 2024 – 25 ODD SEMESTER)

Prepared by

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Unit 1 ALGORITHMIC

Introduction to Python Programming – Python Interpreter and Interactive Mode– Variables andIdentifiers – Arithmetic Operators – Values and Types – Statements. Operators – Boolean Values Operator Precedence– Expression — Conditionals: If-Else Constructs —LoopStructures /Iterative Statements – While Loop – For Loop – Break Statement-Continue statement Function Call and Returning Values – Parameter Passing – Local and Global Scope –Recursive Functions

	Part A			
Q. No.	Questions	Competence	BT Level	CO's
1.	Define features of Python.	Remember	BTL1	CO1
2.	Write the rules for naming a variable.	Understand	BTL2	CO1
3.	Define recursion with example.	Remember	BTL1	CO1
4.	Discuss different modes of operation in python.	Understand	BTL2	CO1
5.	Infer how does python interpreter work?	Understand	BTL2	CO1
6.	Write the standard data types in Python.	Remember	BTL1	CO1
7	State break and continue statements with a program	Remember	BTL1	CO1
/.	example.			
8.	Identify local and global variables.	Understand	BTL2	CO1
9.	List the order of precedence of operators in python.	Remember	BTL1	CO1
10.	State how Comment is used in python.	Understand	BTL1	CO1
11.	Define function and state its use.	Remember	BTL1	CO1
12.	Write a simple python program using while loop	Understand	BTL2	CO1
13.	Write the syntax for function definition.	Remember	BTL1	CO1
14.	List the various control flow structures	Remember	BTL1	CO1
15.	Describe a Boolean expression with an example.	Understand	BTL2	CO1
16.	Write a function without argument and with return type.	Understand	BTL2	CO1
17.	State the reasons to divide program in to functions.	Remember	BTL1	CO1
18.	Discuss the membership and special operators in Python.	Understand	BTL2	CO1
19.	What is lamda? Give an example.	Understand	BTL2	CO1
20.	What is IDLE? Mention its features.	Understand	BTL2	CO1
21.	Classify expressions by applying different operators.	Understand	BTL2	CO1
22.	Describe the different types of parameters.	Understand	BTL2	CO1
23.	Classify different types of statements in python.	Understand	BTL2	CO1
24.	List the types of operators available in python.	Remember	BTL1	CO1
	Part B			
1.	Using a simple python snippet, analyze different values,	Analyze	BTL4	CO1
	types and expression and explain them.(16)			

2.	Explain the following	Evaluate	BTL5	CO1
	(i) Write a Python program to find the sum of N natural			
	numbers.(8)			
	(ii) What is the use of pass, break and continue statements?			
	Illustrate with an example.(8)			
2	List the different types of functions with suitable	Analyze	BTL4	CO1
3.	examples.(16)			
4.	List the different types of operators in python and explain	Analyze	BTL4	CO1
	them with suitable example.(16)			
5.	What is the use of function? Explain the role of function	Apply	BTL4	CO1
	definition and call for generating Fibonacci series.(16)			
6.	Explain the following	Apply	BTL4	CO1
	(i). Write a python program to find the greatest among			
	three numbers.(8)			
	(ii). Write a program to generate a series in between which			
	are all divisible by an input number. (8)			
	(i) Explain the various types of conditional control	Analyze	BTL3	CO1
	statements with example(8)			
7.	(ii) Design a simple calculator with python code by			
	defining its different notations.(8)			
0	Determine the ender of energy is a full formation to the	Esselss et s		CO1
8.	Rate the order of execution of different expressions by evaluating them through puttion program (16)	Evaluate	BILS	COI
	evaluating them through python program.(16)	A	DTI 2	CO1
9	Write a simple program with and without recursion to	Арріу	BILS	COI
7.	calculate factorial of a number. (16)			
	(i) Print multiplication table of a given number (8)	Create	BTL6	CO1
10.	(ii) Print all prime numbers within a range (8)			
	(i) Write a python program to check a series of years in	Create	BTL6	CO1
11	between which are all a leap year or not. (8)			
	(ii) Write a Python program to find the square root of a			
10	number (8)	0 1		001
12.	(1) Write a Python program to find GCD of two numbers.(8)	Create	BILO	COI
	(11) Give the python code to find the minimum among the			
12	(i) Therefore the concern of the set of the	A 1		001
13.	(i) Illustrate the concept of local and global variables (8) (ii) Write a python program to delate a character from the	Apply	BIL3	COI
	(ii) while a python program to delete a character from the given data which is duplicated (8)			
14	(i) Display the number of times a character repeated in the	Apply	BTI 3	CO1
17.	given string (8)	rippiy	DILS	COI
	(ii) Calculate the multiplication of the given two matrices(8)			
15.	Appraise with an example various looping statements in	Analyze	BTL4	CO1
	Python.(16)			
	Explain the following with an example code	Analyze	BTL4	CO1
16.	(i) To solve a quadratic equation (8)	J -		
	(ii) To search an element using binary search.(6)			
17.	(i) Create two function with loop and else statement (8)	Create	BTL6	CO1
	(ii) write a python program to Create a function that returns			
	multiple arguments(8)			
Unit 2				

DATA TYPES IN PYTHON
Lists, Tuples, Sets, Strings, Dictionary, Modules: Module Loading and Execution – Packages – Making
Your Own Module – The Python Standard Libraries
Part A

Part A				
Q No.	Questions	Competence	BT	CO's
			Level	
1.	Express a program to add two lists.	Understand	BTL2	CO2
2.	Distinguish between string and list data types.	Understand	BTL2	CO2
3.	List the basic methods that are used in Python lists.	Remember	BTL1	CO2
4.	Express negative indexing in list with an example.	Understand	BTL2	CO2
5.	Remove all duplicates from a list.	Remember	BTL1	CO2
6.	Enumerate the occurrences of an element in a list.	Remember	BTL1	CO2
7.	Express to create multiline strings in Python? Give example.	Understand	BTL2	CO2
8.	Outline how Tuples are used as return values.	Understand	BTL2	CO2
9.	List the usage of tuples as arguments to a function.	Understand	BTL2	CO2
10.	Discuss the difference between lists and tuples.	Understand	BTL2	CO2
11.	Describe a program to create a list of even numbers in a given range.	Understand	BTL2	CO2
12.	Express a Python program to check if a string is a palindrome.	Understand	BTL2	CO2
13.	Outline the difference between mutable and immutable data	Understand	BTL2	CO2
14.	Express a Python program to find the index of the first occurrence of a substring in a string	Understand	BTL2	CO2
15.	Describe to create a dictionary in python.	Remember	BTL1	CO2
16.	Demonstrate a dictionary with key-value pairs for a person's name and age.	Understand	BTL2	CO2
17.	State and Check if a key exists in the person's dictionary	Understand	BTL2	CO2
18.	List Python string methods.	Remember	BTL1	CO2
19.	Define set with example	Remember	BTL1	CO2
20.	Express different set functions	Understand	BTL2	CO2
21.	What are modules?	Remember	BTL1	CO2
22.	What is a package?	Remember	BTL1	CO2
23.	What is the special file that each package in Python must contain?	Understand	BTL2	CO2
24.	Express a program to perform union, intersection and difference operation using set with symbols	Understand	BTL2	CO2
	Part B	I	1	
1.	Describe the following Creating the list (4) 	Apply	BTL3	CO2
	 Updating the list (4) Deleting the list elements (4) Access the elements(4) 			
2.	 (i) Write a Python program that interchanges the first and last characters of a given string.(8) (ii) How to create, index and split the string? Illustrate with example. (8) 	Evaluate	BTL5	CO2
3.	 (i) How to update a String? Explain with example code.(8) (ii) Write a program to delete all the duplicate elements in a list.(8) 	Apply	BTL3	CO2

			1	
4.	Write a program that takes a sentence as input from the user	Croata	DTI 6	CO^{2}
	Variable of dictionary type to maintain the count. (16)	Create	DILU	02
5.	Explain the following with example	Apolyzo		CO2
	(i) Remove an element from a tuple.(8)	Anaryze	DIL4	02
	(ii). Find the common elements between two tuples. (8)			
6.	(i). Write the code to illustrate the difference between	Apply	BTL3	CO2
	discard() and remove() in sets.(8)	r ippij	DILU	002
	(ii) Write a Python program to find common elements in three			
7	lists using sets(8)			
7.	write a function that takes a number as an input parameter and returns the corresponding text in words, for example, on input	Create	BTL6	CO2
	452 the function should return 'Four Five Two' Use a			
	dictionary for mapping digits to their string representation. (16)			
8.	(i). Explain the basic Tuple operations with examples.(8)			CO2
	(ii). Illustrate a program to check whether an element 'y' and	Apply	BTL3	CO2
	'a' belongs to the tuple mytuple=('p','y','t','h','o',n')			
	and after printing the result, delete the Tuple.(8)			
9.	Write a Python program to calculate the average value of the	Create	BTL6	CO2
	numbers in a given tuple of tuples. (16)	cicule	DILO	002
	Original Tuple:			
	((1, 1, -5), (30, -15, 56), (81, -60, -39), (-10, 2, 3))			
	Average value of the numbers of the said tuple of tuples:			
10	[25.5, -18.0, 5.75].			
10.	(16) (16)	Evaluate	BTL5	CO2
11.	Explain the operations of sets with a neat code by using	Apply	BTL3	CO2
	symbols and functions. (16)	11 2		
12.	Assess the built-in functions of a Tuple.(16)	Evaluate	BTL5	CO2
13.	Explain the following			
101	(i). Predefined Modules (8)	Analyze	BTL4	CO2
	(ii) User defined Modules. (8)			
14.	Describe the methods and operations of Dictionaries. (16)	Analyze	BTL4	CO2
15.	Write a Python program to display a calendar of a month by	Creata		COL
	importing a calendar package.(16)	Create	BIL0	002
16.	How to execute the module with the functions run_module() and	Apply	BTL3	CO2
	run_path() with example code(16)			
17.	Explain with example code to create and import user-defined	Analyze	BTL4	CO2
	module in detail.(16)			
Unit 3				

FILE HANDLING AND EXCEPTION HANDLING

Files: Introduction – File Path – Opening and Closing Files – Reading and Writing Files – FilePosition –Exception: Errors and Exceptions, Exception Handling, Multiple Exception.

	Part A			
Q. No.	Questions	Competence	BT Level	CO's
1.	List the different modes of file opening.	Remember	BTL1	CO3
2.	What do you mean by file object in Python?	Remember	BTL1	CO3
3.	Distinguish between files and modules.	Understand	BTL2	CO3

4.	What is the default mode of opening a file?	Understand	BTL2	CO3
5.	Describe renaming and deleting a file in python.	Remember	BTL1	CO3
6.	Discover the format operator available in files.	Remember	BTL1	CO3
7.	Write a program in python to read first5 characters from a file.	Remember	BTL1	CO3
8.	Write the symbols used in binary file mode for the different operations.	Remember	BTL1	CO3
9.	Accept five names from the user and write in a file "name.txt".	Understand	BTL2	CO3
10.	What do you mean by fileisatty() method?	Understand	BTL2	CO3
11.	Write the need for exceptions using an example	Understand	BTL2	CO3
12.	Compare text file and binary file.	Understand	BTL2	CO3
13.	Write the Difference between built-in exceptions and user defined exception.	Remember	BTL1	CO3
14.	Write with example code to fix value error exceptions in Python?	Understand	BTL2	CO3
15.	Write a Python program that executes an operation on a list and to handle an IndexError exception	Understand	BTL2	CO3
16.	What is an error? List the types of errors.	Remember	BTL1	CO3
17.	What is meant by Assertions in Python?	Understand	BTL2	CO3
18.	Compare exceptions vs syntax error	Understand	BTL2	CO3
19.	What is the use of finally?	Remember	BTL1	CO3
20.	Write the purpose to raise KeyError in exception handling?	Understand	BTL2	CO3
21.	List common types of Exceptions in python.	Remember	BTL1	CO3
22.	How to Raise an Exception?	Understand	BTL2	CO3
23.	Discover except clause with multiple exception.	Remember	BTL1	CO3
24.	Define custom exception in python.	Understand	BTL2	CO3

	Part B			COs
1.	Write a Python program to demonstrate the file I/O	Create	BTL6	CO3
	operations.(16)			
2.	(i) Discover a function in python to count the number of	Apply	BTL3	CO3
	lines in a text file.(8)			
	(ii) Write a function to read lines from the text file and			
	display those word which are less than 4 characters(8)			
3.	(i) Write a function to read contents from a file and to count	Analyze	BTL4	CO3
	and display the occurrence of your two input words. (8)			
	(ii) Discover a function to count the number of lines in a file			
	which begins from upper case character(8)			
4.	Describe the following in detail	Understand	BTL2	CO3
	(i)Structure Renaming a file (8)			
	(ii)Explain about the files related methods (8)			
5.	Explain with an example to copy the contents of one file	Apply	BTL3	CO3
	to another. (16)			
6.	Write a function that reads a file file1 and evaluates and	Analyze	BTL4	CO3
	displays number of words and vowels in the file.(16)			

7.	Write a program that reads the contents of the file text.txt and counts the number of alphabets, blank spaces, lowercase letters and uppercase letters, the number of words starting with a vowel, and the number of occurrences of the word 'is' in the file. (16)	Analyze	BTL4	CO3	
8.	 (i). Discover a program to catch a divide by zero exception. Add a finally block too.(8) (ii). Write a function to print the hash of any given file in Python.(8) 	Apply	BTL3	CO3	
9.	Write a Python program that takes a list of numbers as input from the user and finds the maximum and minimum numbers in the list. Handle the exceptions that may occur during the program execution, such as invalid input or empty list error (16)	Evaluate	BTL5	CO3	
10.	Create a program to compute price per unit weight of an item using try – except – else block (16)	Create	BTL6	CO3	
11.	Examine the following function percentage: def percentage(marks,total): try: percent=(marks/total)*100 except ValueError: print('Value Error') except TypeError') except ZeroDivisionError: print('ZeroDivisionError') except: print('any other error') else: print(percent) finally: print('Function percentage completed Determine the output for the following function calls:	Analyze	BTL4	CO3	
12.	binary number using file.(16)	Evaluate	BILS	03	
13.	 (1) Explain Different types of exceptions in python. (8) (ii) write Advantages and disadvantages of exceptions in python.(8) 	Evaluate	BTL5	CO3	
14.	Explain in detail to handle Multiple Exceptions in Python (16)	Apply	BTL3	CO3	
15.	(i) How to handle EOFError Exception in Python (8)(ii) How to Fix "EOFError: EOF when reading a line" in Python (8)	Apply	BTL3	CO3	
16.	(i) How to pass argument to an Exception in Python? (8)(ii) How to Raise an Exception to Another Exception? (8)	Apply	BTL3	CO3	
17.	Explain the following with example code (i) Syntax and logical errors(8) (ii) Exception Chaining(8)	Create	BTL6	CO3	
	Unit 4				
Module	MODULES, PACKAGES AND FRAMEWOR	KS laking You <u>r Ow</u>	n Module		

-The Python Libraries for data processing, data mining and visualization- NUMPY, Pandas, Matplotlib, Plotly-Frameworks-Diango, Flask, Web2Py.				
	Ouestions	Competence	BT Level	CO's
1	What is NumPy? Illustrate	Understand	BT Level	$\frac{\text{CO}\text{ s}}{\text{CO4}}$
2	What are modules and packages in Python?	Remember	BTL1	$\frac{CO4}{CO4}$
2.	What is loading and execution?	Understand	BTL2	
<u> </u>	How many modules are in Python?	Pemember	BTL2 BTL1	$\frac{C04}{C04}$
4. 5	What are the advantages of modules in Python?	Understand	BTL2	$\frac{C04}{C04}$
5.	What are the advantages of modules in 1 ython:	Remember	BTL2 BTL1	$\frac{C04}{C04}$
0.	What is web2py framework:	Demension		<u>CO4</u>
/.	what are the benefits of web2py?	Remember	BILI	<u>CO4</u>
8.	How to load a package in Python?	Understand	BIL2	<u>CO4</u>
9.	What is the difference between Python module and package?	Understand	BTL2	CO4
10.	What is a library in Python?	Remember	BTL1	CO4
11.	What is a Python package?	Remember	BTL1	CO4
12.	Write a python snippet to illustrate a python module	Understand	BTL2	CO4
13.	List the advantages to modularizing code in python.	Remember	BTL1	CO4
14.	Write Python libraries which are commonly used for data	Remember	BTL1	CO4
1.5	processing and data visualization?	Demonstration	DTI 1	CO4
15.	What is a pip in Python?	Remember	BILI DTL 1	<u>CO4</u>
16.	what are the disadvantages of NumPy?	Remember	BILI	<u>CO4</u>
1/.	What are data visualization techniques in data mining?	Understand	BIL2	<u>CO4</u>
18.	List the Python libraries for data processing and visualization?	Understand	BIL2	<u>CO4</u>
19.	which data visualization library is best? why?	Understand	BIL2	<u>CO4</u>
20.	List Python Built-in modules.	Understand	BIL2	<u>CO4</u>
21.	tasks?	Understand	BIL2	CO4
22.	What is the difference between NumPy and array?	Understand	BTL2	CO4
23.	What is the first Python data visualization library? Justify	Remember	BTL1	CO4
24.	What are the key factors of data visualization?	Remember	BTL1	CO4
	Part B			
1.	Write python snipet to create, use, acces and rename the modules	Create	BTL6	CO4
2.	Explain with example code for Built-in Modules.	Analyze	BTL4	CO4
3	Compare modues with packages in python.	Analyze	BTI 4	CO4
4.	How to write modules in python	Evaluate	BTL5	<u>CO4</u>
5.	Explain with code to Access Modules from Another Directory.	Apply	BTL3	<u>CO4</u>
		II J	_	
б.	How to Create Package in Python. Explain in detail with example code.	Create	BTL6	CO4
7.	List and narrate different type of python packages for web	Apply	BTL3	CO4
0	Trameworks. What is meant by Dython Numpy? How to create a Numpy Array?	Evoluoto	DTI 5	<u> </u>
0.	Explain with code	Evaluate	DILJ	C04
9	How to Access the array Index in numpy array? Explain with	Evaluate	BTL5	CO4
	example code.	_ , aroute		007
10.	List and explain in detail on the Libraries for Data Visualization	Apply	BTL3	CO4
	in Python programming.	· · · ·		
11.	Write a short notes on the following python libraries for data	Analyze	BTL4	CO4
	visualization.			
	1. Matplotlib(8)			
	II.F IOUY(0)			

12.	How NumPy can be used to calculate the mean and standard deviation of a dataset?	Evaluate	BTL5	CO4
13.	What are the advatages and disadvatages of Flask?Justify	Evaluate	BTL5	CO4
14.	What is flask?Write a short notes on features of Flask.	Apply	BTL3	CO4
15.	Compare and contrast Flask with Django.	Analyze	BTL4	CO4
16.	List and explain the important features of Django.	Apply	BTL3	CO4
17.	What are the differences between Django, Flask and Web2py in	Analyze	BTL4	CO4
	terms of functionality, easiness?			
	UNIT 5			
	OBJECT ORIENTED PROGRAMMING IN PY	ГНОN		
Creating a	Class, Class methods, Class Inheritance, Encapsulation, Polymorph	hism, class metho	odvs. static	
methods,	Python object persistence.		DET 1	<u> </u>
Q. No.	Questions	Competence	BT Level	CO's
1.	What is a class method, and how is it different from an instance method?	Understand	BTL2	CO5
2.	What is meant by class?	Remember	BTL1	CO5
3.	Define class inheritance and its usage	Remember	BTL1	CO5
4.	What is polymorphism in Python, and give an example?	Remember	BTL1	CO5
5.	State the features of Encapsulation with example	Understand	BTL2	CO5
6.	Illustrate object-Oriented Programming features	Understand	BTL2	CO5
7.	Compare abstract classes versus concrete classes in Python.	Understand	BTL2	CO5
8.	Describe the use of super() in inheritance	Understand	BTL2	CO5
9.	Define superclass and subclass.	Remember	BTL1	CO5
10.	Illustrate the use of a constructor in a given Python class.	Understand	BTL2	CO5
11.	What are the class members? How can you access them?	Remember	BTL1	CO5
12.	Write a python program to illustrate Inheritance	Understand	BTL2	CO5
13.	Write a short note on special class methods.	Remember	BTL1	CO5
14.	What is class instantiation? How is it done?	Understand	BTL2	CO5
15.	Write built in functions used in python	Remember	BTL1	CO5
16.	Differentiate between class variables and instance variable.	Understand	BTL2	CO5
17.	List the shelve module functions.	Remember	BTL1	CO5
18	What are pickle module functions.	Remember	BTL1	CO5
19	Write a program to illustrate the use of init () method.	Understand	BTL2	CO5
20.	Describe polymorphism in addition operator	Understand	BTL2	CO5
21.		Understand	BTL2	CO5
	What is the output of the following program?			
	# define a class			
	class Employee:			
	# define a property			
	$employee_1d = 0$			
	# create two objects of the Employee class			
	employee1 = Employee()			
	employee2 = Employee()			
	# access property using employee1			
	employee1.employeeID = 1001			

	print(f"Employee ID: {employee1.employeeID}")			
	r (r filt (r filt) r filt)			
	# access properties using employee2			
	employee2.employeeID = 1002			
	print(f"Employee ID: {employee2.employeeID}")			
22	What is the output of the below code?	Understand	BTL2	CO5
22.	class Person.	Onderstand	DILL	005
	def init (self first name last name).			
	self first name – first name			
	self last name – last name			
	sen.nast_name = nast_name			
	first name - "XV7"			
	$\operatorname{Parson} - \operatorname{Parson}(\operatorname{first} name "ABC")$			
	first name – "I MN"			
	person last name - "POP"			
	print(person first_name person last_name)			
	print(person.mst_name,person.nast_name)			
23.	What is the use of class or static method?	Remember	BTL1	CO5
24.	Define Python object persistence.	Remember	BTL1	CO5
	Part -B			
1.	(i). Analyze the relationship between inheritance and	Analvze	BTL4	CO5
	polymorphism in Python OOPS.(8)	5		
	(ii). Explain how encapsulation and abstraction are related in			
	Python OOPS.(8)			
2.	(i). What other paradigms of programming exist besides OOPs?	Apply	BTL3	CO5
	(8)		2120	000
	(ii). What are the differences between procedural and Object-			
	Oriented Programming? (8)			
3	Analyze a menu-driven program to read, display, add, and subtract	Analyze	BTI 4	CO5
5.	two time objects with example.(16)	7 mary 20	DILI	005
4	(i). Interpret access specifiers, and When should we use these?(8)	Apply	BTL3	CO5
	(ii). What is method Overloading?When it will be used?(8)	· · · PP·J	0120	000
5	(i) What is method Overriding?(2)	Analyze	BTI 4	CO5
5.	(ii) Analyze the differences between method overriding and	7 mary 20	DIL	005
	method overloading in Python (14)			
6	Analyze the different types of Inheritance with illustrative	Analyze	BTI 4	CO5
0.	program (16)	Mildiyze	DILT	005
7	Write a program to read two points and calculate the distance	Create	RTI 6	CO5
/.	hetween them using class and methods (16)	Cicale	DILU	COS
Q	Make ca class triangle enter its three sides and calculate its area	Evaluate	рті <i>5</i>	COS
0.	using class and methods (16)		DILJ	COS
0	Write a class that has a list of integers as data membre and read()	Apply	PTI 2	COS
7.	dinlay() find largest() find smallest() sum() and find mean()	Thhi	DILJ	COS
	as its member functions (16)			
10	Write a program that has a class point with attributes as the y and	Evaluato	рті <i>с</i>	COS
10.	white a program that has a class point with attributes as the x and y so ordinates Make two objects of this class and find the	Evaluate	DILJ	COS
	midpoint of both the points (16)			
11	Write a program to find mean of two numbers belonging to two	Apply	рті 2	COS
11.	different objects of the same class (16)	трргу	DILJ	COS
10	Write a program that swape two members of a close (16)	Crosta	DTI 2	COS
12.	white a program that swaps two interfluers of a class.(10) (i) White a page way to call a class with 1.5 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		DIL0	
13.	(1). Write a pogram to call a class method from another method of the same class (8)	Evaluate	BIL5	005
	une same class.(8)			
	(11). Write a prgram to add variables to a class at run time.(8)			<u>a</u>
14.	(1). Write a program to illustate the modification of an instache	Apply	BTL3	CO5

	variable.(8) (ii). Write a program to modify a mutable type attributes.(8)			
15.	How do you implement persistent objects in Python? (16)	Apply	BTL3	CO5
16.	(i).What is class method and static methods in Python? Give examples(10)(ii). Explain the differences between them with examples (6)	Apply	BTL3	CO5
17.	Write a static mehtod that checks whether all words in a list starts with a vowel.(16)	Analyze	BTL4	CO5