Short Question

Assignment-1 Q. no. 1,2,5 in short and Q. no. 1

Assignment-2 Q. no. 6,9,11 in short and Q. no. 6

Assignment-2 Q. no. 14,15,16, in short and Q. no. 9

1) What is Python?

2) List the standard data types in python.

3) What are the Key features of Python?.

4) What are the rules for naming a variable?

5) What is the difference between lists and tuples?

6) What are the common built-in functions in Python?.

7) Give the characteristics of membership operator?

8) Explain while loop & for loop with syntax and example in detail.

9) What do mean by Statement in Python? Give an example.

10) Can you explain the difference between errors and exceptions in Python?

11) How do you handle exceptions in Python?

12) What's the difference between raising an error and throwing and exception in Python?

13) WAP to find factorial of the given number.

14) Write a Python program to print Fibonacci series up to n terms.

15) What is lambda function in python? Explain with any (one) example.

16) WAP to find the Greatest Number in given List.

Long Question

1. What is a function? Mention the type of function and use.

2. What is tuples? What is the difference between list and tuple?

3. Write short notes on types of operators in python with appropriate example .

4. Explain Tuples, Lists and Dictionaries with example.

5. Create a list and perform the following methods

1) insert() 2) remove() 3) append() 4) len() 5) pop() 6) clear().

6. Create a dictionary and apply the following methods

1) Print the dictionary items 2) access items 3) use get() 4)change values 5) use len().

7. Explain function and module with suitable example.

8. Can you give me some examples of built-in exceptions in Python?

9. WAP to calculate total marks, percentage and grade of a student. Marks

obtained in each of the three subjects are to be input by the user. Assign grades

according to the following criteria:

Grade A: Percentage >=80

Grade B: Percentage>=70 and <80

Grade C: Percentage>=60 and <70

Grade D: Percentage>=40 and <60

Grade E: Percentage<40

10. WAP to calculate the sum and product of two compatible matrices.

11. Write a Python program to check if a string is palindrome or not.