Practical Question

BCA 4ᵗʰ Sem- Python

1. Write a function that takes an integer input and calculates the factorial of the number.

2. Write a function that takes a string input and checks if its palindrome or not.

3. Write a program to generate Fibonacci series.

4. Write a program to check whether the input number is even or odd.

5. Write a program to compare three numbers and print the largest one.

6. Write a program to print factors of a given number.

7. Write a method to calculate GCD of two numbers.

8. Write a program to create a list in Python and perform operations (min 5) on it.

9. write a program to convert a string into a list, as in list ('abc') gives [a,b,c].

10. Write a program to print factors of a given number.

Practical Question

BCA 4th Sem- JAVA

1. Write a program to find the largest of n natural numbers.

2. Write a program to find whether a given number is prime or not.

3. Compute Factorial of a number Check whether a given number is odd or even.

4. Write a program check whether a given string is Palindrome or not.

5. Write a program to print the sum and product of digits of an Integer and reverse the Integer.

6. Write a java program that computes the area of a circle, rectangle and a triangle using function overloading.

7. Write a Java for the implementation of multiple inheritance using interfaces to calculate the area of a rectangle and triangle.

8. Write a java program to create a frame window in an Applet. Display your name, address and qualification in the frame window.

9. Write a java program to draw a line between two coordinates in a window.

10. Write a program for the following string operations: Compare two strings concatenate two strings Compute length of a string

11. Write a program for Fibonacci Series.

12. Write a program for factorial using command line argument.

13. Write a program to display reverse of digit no. using array.

14. Write a program to design a class using abstract methods and classes.

15. Write a program to create a package of your name and use that package in a class.