

Practical Question
MSc 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

MSc 4th – “ASP.Net”

1. Write a program to perform arithmetic operation in console application using switch case.
2. Write a program to perform reverse number.
3. Write a console application that obtains four int values from the user and displays the product.
4. If you have two integers stored in variables var1 and var2, what Boolean test can you perform to see if one or the other (but not both) is greater than 10?
5. Write an application that includes the logic from Exercise 4, obtains two numbers from the user, and displays them, but rejects any input where both numbers are greater than 10 and asks for two new numbers.
6. Write a console application that places double quotation marks around each word in a string.
7. Write an application that uses two command-line arguments to place values into a string and an integer variable, respectively. Then display these values.
8. Write an application that receives the following information from a set of students:
Student Id:• Student Name:• Course Name:• Date of Birth:• The application should also display the information of all the students once the data is entered. Implement this using an Array of Structures.
9. Write a program to declare class “Distance” have data members dist1, dist2, dist3. Initialize the two data members using constructor and store their addition in third data member using function and display addition