

# SIR PADAMPAT SINGHANIA UNIVERSITY

## Assignment 2

Programme/Branch: B. Tech/All Branches  
Subject: Structured Programming Approach  
Date : 24.03.2020

Semester: II  
Subject Code: CS- 1001

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### Question 1:

What do you understand by function? Explain function declaration and function definition with the help of suitable programming example.

### Question 2:

What is recursion? Write a program to find out the x to the power y using recursion.

### Question 3:

How array is different from variable. Explain with example.

### Question: 4

Write a program to find out the sum and average of all elements of integer array of size 10.