2021

Department of Computer Science & Engineering
Global Institute of Management & Technology
Python Assignment-2(Online)

Subject: IT Workshop (PCC-CS-393)
Stream: CSE 2nd Year 3rd Semester   **Date of Submission:** 08.02.2021

:INSTRUCTIONS:

- **Use A4 page for writing assignments (format given in the next page).**
- **Don't use both side of a page.**
- **Write down your Name, Roll No, Stream and Year on the top of each page and put a signature at the bottom of each page.**
- **Take the image(jpg/pdf) of the page and upload it in Google Classroom.**

1. Write a python program to find sum of the following series:
   Sum=$1^2+2^2+3^2+4^2+…..+n^2$.
2. Write a python program to calculate the GCD of two numbers.
3. Write a python program to check if a number is Prime or not using Function.
4. Write a python program to check if a number is Armstrong or not using Function.
5. Write a python program to find Factorial of a number using Function.

FORMAT

Problem-1: Write a python program to add two numbers**.**

Program:

```
number1 = input("First number: ")
number2 = input("Second number: ")
sum = float(number1) + float(number2)
print("The sum is:",sum)
```

Output:

First number: 23
Second number: 45
The sum is: 68.0

Problem-2: Write a python program for finding simple interest.

Program:

```
P = 1
R = 1
T = 1
SI = (P * R * T) / 100
 print("Simple interest is", SI)
```

Output:

Simple interest is 0.01