

**2021**

**Department of Computer Science & Engineering**  
**Global Institute of Management & Technology**  
**Python Assignment-1(Online)**

**Subject:** IT Workshop (PCC-CS-393)

**Stream:** CSE 2<sup>nd</sup> Year 3<sup>rd</sup> Semester

**Date of Submission:** 01.02.2021

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**: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 add two numbers.
2. Write a Python Program for finding simple interest.
3. Write a Python Program for Program to find area of a circle.
4. Write a Python program to check whether a number is Even or odd.
5. Write a Python Program to Check Leap Year.
6. Write a Python program to check whether a number is Prime or not.
7. Write a Python Program to check Armstrong Number.
8. Write a Python Program for finding the factorial of a number.
9. Write a Python Program for n-th Fibonacci number.
10. Write a Python Program for Sum of squares of first n natural numbers.

## FORMAT

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**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