

Python Assignment Solution of Day 1:



1. Python program to add two numbers

/* Given two numbers num1 and num2. The task is to write a Python program to find the addition of these two numbers. */

```
num1 = 15
num2 = 12
sum = num1 + num2
print("Sum of {0} and {1} is {2}".format(num1, num2, sum))
```

2. Addition of 2 numbers by taking input from user

```
number1 = input("First number: ")
number2 = input("\nSecond number: ")
sum = float(number1) + float(number2)    #User might enter float numbers
print("The sum of {0} and {1} is {2}".format(number1, number2, sum))
```

3. Calculate simple interest

```
p=1000
n=2
r=10
si= p*n*r
print("\nSimple Interest= "+si)
```

4. Program which accepts the radius of a circle from the user and compute the area.

```
from math import pi

r = float(input ("Input the radius of the circle : "))

print ("The area of the circle with radius " + str(r) + " is: " + str(pi * r**2))
```

5. Program which accepts the user's first and last name and print them in reverse order with a space between them.

```
fname = input("Input your First Name : ")

lname = input("Input your Last Name : ")

print ("Hello  " + lname + " " + fname)
```

6. Program that accepts an integer (n) and computes the value of $n+nn+nnn$.

```
a = int(input("Input an integer : "))

n1 = int( "%s" % a )

n2 = int( "%s%s" % (a,a) )

n3 = int( "%s%s%s" % (a,a,a) )
```