

# **ASSIGNMENT:-1**

## **PYTHON PROGRAMMING**

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### **Q1. WAP TO PRINT YOUR NAME**

```
print("Shikha Kumari")
```

**OUTPUT:** PS C:\Users\hp\Documents\python> & "C:/Program Files/Python/python.exe"  
c:/Users/hp/Documents/python/assign.py  
Shikha Kumari  
PS C:\Users\hp\Documents\python>

### **Q2.WAP TO PRINT MARKS AND CALCULATE AVERAGE VALUE**

```
marks1=float(input("Enter marks"))  
print("Marks of English",marks1)  
marks2=float(input("Enter marks"))  
print("Marks of Maths",marks2)  
  
sum=float(marks1+marks2)  
average=float(sum/2)  
print("Aggregate marks is: ",average)
```

**OUTPUT:** Enter marks98  
Marks of English 98.0  
Enter marks89  
Marks of Maths 89.0  
Aggregate marks is: 93.5  
PS C:\Users\hp\Documents\python> 96

### **Q3.WAP TO CALCULATE AREA OF A CIRCLE**

```
r=float(input('enter value of radius'))  
area=3.14*r*r  
print('area of circle= ',area)
```

**OUTPUT:-** enter value of radius4  
area of circle= 50.24  
PS C:\Users\hp\Documents\python>

### **Q4.WAP TO ADD TWO NUMBERS**

```
n1=int(input('first number:-'))  
n2=int(input('second number:-'))  
sum=n1+n2  
print('Sum is ',sum)
```

OUTPUT:- first number:-45  
second number:-10  
Sum is 55  
PS C:\Users\hp\Documents\python>

#### Q5.WAP TO CALCULATE SIMPLE INTEREST

```
p=int(input('Enter Principal:-'))  
r=int(input('Enter Rate:-'))  
t=int(input('Enter Time:-'))
```

```
si=int((p*r*t)/100)  
print("SI is :-",si)
```

OUTPUT: Enter Principal:-2000  
Enter Rate:-2  
Enter Time:-2  
SI is :- 80  
PS C:\Users\hp\Documents\python>

#### Q6.WAP TO CONVERT FARENHITE TO DEGREE CELCIUS

```
f=int(input('Enter temperature in farenhite:-'))  
c=(f-32)*5/9  
print('Converted temperature is:-',c)
```

OUTPUT: Enter temperature in farenhite:-100  
Converted temperature is:- 37.77777777777778  
PS C:\Users\hp\Documents\python>

#### Q7.WAP TO REVERSE A GIVEN NUMBER

```
n=int(input("Enter number: "))  
rev=0  
while(n>0):  
    d=n%10  
    rev=rev*10+d  
    n=n//10  
print("Reverse of the number:",rev)
```

OUTPUT: Enter number: 5421  
Reverse of the number: 1245  
PS C:\Users\hp\Documents\python>

**Q8.WAP TO PRINT REVERSE NUMBER i.e.input c=10,d=20 output c=20,d=10**

```
c=int(input('First number:-'))
d=int(input('Second Number:-'))

print('Reverse of c=',d)
print('Reverse of d=',c)
```

**OUTPUT:** First number:-45  
Second Number:-87  
Reverse of c= 87  
Reverse of d= 45  
PS C:\Users\hp\Documents\python>

**Q9.WAP TO CALCULATE AREA OF CIRCLE WHERE r=2**

```
r=2
area=3.14*r*r
print('area of circle= ',area)
```

**OUTPUT:** area of circle= 12.56  
PS C:\Users\hp\Documents\python>