

## ASSIGNMENT-2

**Name :** M.Susmitha Chowdary

**Trainer Name :** Harshee Pitroda

**Course Name :** AI,ML &Python

**Date:** May 30, 2022

Q)

### Easy Questions - Assignment 2

Q1) Program to accept three numbers as input from user & print the largest of three  
\* Make use of only if statements \*

Q2) Program to accept a number as an input from the user & check if the given number is even or odd

Q3) Program that inputs three numbers & calculates the following:

① Sum of all input numbers

② Sum of only non duplicate numbers; if there are duplicate numbers in input then ignore them

eg:

Input			Answer	
a	b	c	①	②
2	3	4	9	9
3	2	3	8	2
4	4	4	12	0

Q4) Program to test divisibility a number from another number

eg:

```
Enter first number : 119
Enter second number : 3
119.0 is not divisible by 3.0
=====
Enter first number : 119
Enter second number : 17
119.0 is divisible by 17.0
=====
Enter first number : 1234.30
Enter second number : 5.5
1234.3 is not divisible by 5.5
```

Q1)

### CODE:

```
a=int(input("Enter number1:"))
b=int(input("Enter number2:"))
c=int(input("Enter number3:"))
if(a>b):
    great=a
if(not(a>b)):
    great=b
if(c>great):
    great=c
print("Greatest among three numbers is:{}".format(great))
```

### Sample Output:

```
Enter number1:12
Enter number2:2
Enter number3:1
Greatest among three numbers is:12
```

Q2)

### CODE:

```
a=int(input("Enter any number:"))

if(a%2==0):
    print("Even Number")
if(not(a%2==0)):
    print("Odd Number")
```

### Sample output:

```
Enter any number:100

Even Number
```

Q3)

### CODE:

```
a=int(input("Enter number1:"))

b=int(input("Enter number2:"))
c=int(input("Enter number3:"))
sum=a+b+c
```

```
usum=0
if (not(a==b or a==c)):
usum=usum+a
if(not(b==a or b==c)):
usum=usum+b
if(not(c==a or c==b)):
usum=usum+c
print("Sum of all three values is:{}".format(sum))
print("Sum of distinct numbers is:{}".format(usum))
```

## Sample output:

Enter number1:4

Enter number2:4

Enter number3:4

Sum of all three values is:12

Sum of distinct numbers is:0

Q4)

## CODE :

```
a=float(input("Enter first number:"))

b=float(input("Enter second number:"))
if(a%b==0):
print("{} is divisible by {}".format(a,b))
else:
print("{} is not divisible by {}".format(a,b))
```

## Sample output:

Enter first number:1234.30

Enter second number:5.5

1234.3 is not divisible by 5.5