ASSIGNMENT-2

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QUESTION_1:


```python
a=int(input("Enter first number:"))
b=int(input("Enter second number:"))
c=int(input("Enter third number:"))
if (a>b and a>c):
    print("a is largest")
if (b>a and b>c):
    print("b is largest")
if (c>a and c>b):
    print("c is largest")
```

```
Enter first number:24
Enter second number:43
Enter third number:6
b is largest
```

QUESTION_2:

```
a=int(input("Enter first number:"))
if (a%2 == 0):
  print("{} is even number".format(a))
else:
  print("{} is odd number".format(a))
```

```
Enter first number:55
55 is odd number
```

```
a=int(input("Enter first number:"))
if (a%2 == 0):
    print("{} is even number".format(a))
else:
    print("{} is odd number".format(a))
```

```
Enter first number:6
6 is even number
```

QUESTION_3:

Q5) 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

```python
a=int(input("Enter first number:"))
b=int(input("Enter second number:"))
c=int(input("Enter third number:"))
m=list([a,b,c])
n=[i for i in m if m.count(i)==1]
print("Sum of all numbers is:",sum(m))
print("Sum of non-duplicate numbers is:",sum(n))
```

```
Enter first number:4
Enter second number:4
Enter third number:4
Sum of all numbers is: 12
Sum of non-duplicate numbers is: 0
```

```
a=int(input("Enter first number:"))
b=int(input("Enter second number:"))
c=int(input("Enter third number:"))
m=list([a,b,c])
n=[i for i in m if m.count(i)==1]
print("Sum of all numbers is:",sum(m))
print("Sum of non-duplicate numbers is:",sum(n))
```

```
Enter first number:3
Enter second number:5
Enter third number:6
Sum of all numbers is: 14
Sum of non-duplicate numbers is: 14
```

QUESTION_4:

Q4) Program to test divisibil
a number from an es
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
```

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

```
Enter first number:1234.30
Enter second number:5.5
1234.3 is not divisible by 5.5
```

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

```
Enter first number:119
Enter second number:17
119.0 is divisible by 17.0
```

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

```
Enter first number:119
Enter second number:3
119.0 is not divisible by 3.0
```