

Assignment -4

1.write a program and Check the number is even or odd

```
n=int(input("Enter the numbers"))
if(n%2==0):
    print("Even")
else:
    print("odd")
```

Output: Enter the numbers4
Even

2.Enter three integers and

i) print the largest of the three

```
x=int(input("enter the first numbers"))
y=int(input("enter the second number"))
z=int(input("enter the third number"))
if (x>y):
    if (x>z):
        print(x)

    else:
        print(z)

elif (y>z):
    print(y)

else:
    print(z)
```

Output: enter the first numbers23
enter the second number45
enter the third number67
67

ii).Enter the three print the sum of all inputs

```
x=int(input("enter the first number"))
y=int(input("enter the second number"))
z=int(input("enter the third number"))
sum=x+y+z
print(sum)
```

Output: enter the first number2
enter the second number3
enter the third number4
9

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iii).Write a program sum of non duplicate numbers

```
a=int(input("enter the first numbers"))
b=int(input("enter the second number"))
c=int(input("enter the third number"))
sum=0
if(a!=b):
    if(a!=c):
        sum=a+c
        print(sum)

    else:
        sum=a+b
        print(sum)

elif(b!=c):
    sum=b+c
    print(sum)

else:
    sum=0
    print(sum)
```

Output :enter the first numbers1
enter the second number1
enter the third number5
6

3 Write a program to use divisibility of a number with another number

```
x=int(input("enter the first number"))
y=int(input("enter the second number "))
if(x%y==0):
    print(x ,"is divisible by", y)
else:
    print(x ,"is not divisible by", y)
```

Output:enter the first number6
enter the second number 3
6 is divisible by 3

4 write a program to find the multiple of a number out of given 5 number.

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```
n1=int(input("enter the number"))
for i in range(1,11):
    print(n1*i)
```

Output:enter the first number5

5
10
15
20
25
30
35
40
45
50

5. Write a program to display a menu for calculating area of a circle Or parimeters.

```
r=int(input("enter the radius of a circle"))
Area=3.14*r*r
parimeters=2*3.14*r
print("Area of a circle is=",Area)
print("Parimeters of a circle=",parimeters)
```

Output:enter the radius of a circle5
Area of a circle is= 78.5
Parimeters of a circle= 31.400000000000002

if -else Statement

```
.If          >=90 A
elif         >=80<90 B
else         <80 C
```

```
marks=int(input("enter the marks of a student"))
if(marks>=90 and marks<=100):
    print('A')
elif(marks>=80 and marks<90):
    print('B')
elif(marks>=70 and marks<80):
    print('C')
else:
    print("Fail")
```

Output:-enter the marks of a student75

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C

6. Program that reads two numbers and an arithmetic operators and display the computed result

1) Enter 1 & 2

```
op=input('enter the operator[+ - * / %]')
```

```
num1=1
```

```
num2=2
```

```
op=input('enter the opeartors[+ , -, * , / , %]')
```

```
if op=='+':
```

```
    print('num1+num2=', num1+num2)
```

```
if op=='-':
```

```
    print("num1-num2=", num1-num2)
```

```
if op=='*':
```

```
    print('num1*num2=', num1*num2)
```

```
if op=='/':
```

```
    print('num1/num2=', num1/num2)
```

```
if op=='%':
```

```
    print('num1%num2=', num1%num2)
```

Output: enter the opeartors[+ , -, * , / , %]*

num1*num2= 2