

```
In [9]: def cube(n):  
        print('The cube of the number',n,'is: ',n**3)  
  
        n=int(input(('Enter a number: ')))  
        cube(n)
```

Enter a number: 9
The cube of the number 9 is: 729

```
In [24]: def max_min(n1,n2):  
        if n1==n2:  
            print('Both are equal')  
        elif n1>n2:  
            print(n1,'is the largest number')  
            print(n2,'is the smallest number')  
        else:  
            print(n2,'is the largest number')  
            print(n1,'is the largest number')  
  
        n1=int(input("Enter first number: "))  
        n2=int(input("Enter second number: "))  
  
        max_min(n1,n2)
```

Enter first number: 25
Enter second number: 27
27 is the largest number
25 is the largest number

```
In [26]: def circle(r):  
        print('DIAMETER OF CIRCLE :',2*r,'units')  
        print('CIRCUMFERENCE OF CIRCLE: ',2*3.14*r,'units')  
        print('AREA OF CIRCLE: ',3.14*r*r,'sq.units')  
  
        r=int(input("Enter the radius of circle: "))  
        circle(r)
```

Enter the radius of circle: 14
DIAMETER OF CIRCLE : 28 units
CIRCUMFERENCE OF CIRCLE: 87.92 units
AREA OF CIRCLE: 615.44 sq.units

```
In [11]: def odd_even(n):  
        if n%2==0:  
            print(n,"is EVEN number")  
        else:  
            print(n,'is ODD number')  
  
        n=int(input('Enter a number: '))  
        odd_even(n)
```

Enter a number: 21
21 is ODD number

```
In [27]: def cal(n):  
        if n==1:  
            n1=int(input(('Enter First Number : ')))  
            n2=int(input(('Enter First Number : ')))  
            print('Sum of numbers: ',n1+n2)  
        elif n==2:  
            n1=int(input(('Enter First Number : ')))  
            n2=int(input(('Enter First Number : ')))  
            print('Difference between numbers :',n1-n2)  
        elif n==3:  
            n1=int(input(('Enter First Number : ')))
```

```
n2=int(input(('Enter First Number : ')))
print('Product of numbers: ',n1*n2)
elif n==4:
    n1=int(input(('Enter First Number : ')))
    n2=int(input(('Enter First Number : ')))
    print('Division of numbers: ',n1/n2)
else:
    print('Input not valid')

print('*****MENU*****')
print()
print("1. Addition")
print("2. Subtraction")
print("3. Multiplication")
print("4. Division")

n=int(input('Enter a number to select the option: '))
cal(n)
```

*****MENU*****

```
1. Addition
2. Subtraction
3. Multiplication
4. Division
Enter a number to select the option: 3
Enter First Number : 15
Enter First Number : 6
Product of numbers: 90
```

In []: