

Program to calculate area of reactangle,traingle,circle.

Logic of Program : Logic of program as follows

1. Select choice from user
2. compute area
3. display the area

```
Shape = input("Enter the shape u have to find area of : ")
if Shape == "Rectangle":
    w = int(input("Enter width"))
    h = int(input("Enter height"))
    Area1 = float(w*h)
    print("Area of Rectangle with w{} and h{} is Area1{}".format(w,h,Area))

elif Shape == "Traingle":
    b = int(input("Enter base"))
    h1 = int(input("Enter the height"))
    Area2 = float(0.5*b*h)
    print("Area of Traingle with b{} and h{} is Area2{}".format(b,h,Area))

elif Shape == "Circle":
    r = int(input("Enter radius"))
    Area3 = float(3.14 * r * r)
    print("Area of Circle with r{} is Area3{}".format(r,Area))

else:
    print("Shape Not found")
```

In [*]:

```
L1 = []
Size1 = int(input("Enter the num elements in list1: "))
for i in range(Size1):
    num1=int(input("Enter element in list"))
    L1.append(num1)
    print(L1 + str(num1))
```

In [*]:

```
List1=[1,3,4,5]  #initialising List
List2=[6,7,8,9]
print(List1)
print(List2)
for i in range(List2):
    List2.append(i)
```

In []:

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