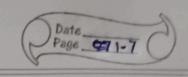* sample Program:-

1 _ AoG . Py
Roll No
Program No.1
Program to calculate area of geometric objects.

```
Print ("** Area of Triangle ** ")
B= int (input ("Enter Base of Triangle in cm :"))
H= int (input ("Enter Height of Triangle in cm:"))
AoT = 1/2 * B * H.
Print ("Area of Triangle:", AoT, "sq cm.")
Print (" ** Area of Rectangle ** ")
L= int (input ("Enter length of Rectangle in cm:"))
W= int (input ("Enter Width of Rectangle in cm:"))
AoR = L * W
Print ("Area of Rectangle:", AoR, "sq.cm".)
Print (" ** Area of circle ** ")
R= int (input ("Enter Radius of circle in cm:"))
Pi = 3.14
Aoc = Pi * R ** 2
Print ("Area of circle :", Aoc, "sq. cm.")
```

* output:-

```
** Area of Triangle **
Enter Base of Triangle in cm: 3
Enter Height of Triangle in cm: 4
Area of Triangle: 6.0 sq cm.
** Area of Rectangle **.
```

Enter length of Rectangle in cm: 5
Enter Width of Rectangle in cm: 5
Area of Rectangle : 30 sqcm.
** Area of circle **
Enter Radius of circle in cm: 2
Area of circle : 12.56 sqcm.