```
#program to find area of circle in Python using π
PI = 3.14
r = float(input("Enter the radius of the circle: "))
area = PI * r * r
print("%.2f" %area)
```

```
#python program to find area of regular polygon
from math import tan, pi
n_sides = int(input("Input number of sides: "))
s_length = float(input("Input the length of a side: "))
p_area = n_sides * (s_length ** 2) / (4 * tan(pi / n_sides))
print("The area of the polygon is: ",p_area)
```

```
# Program to generate a random number between 1 and 1000

# importing the random module
import random

print(random.randint(1,1000))
```

```
import math
print('The value of Sin(60 degree): ' + str(math.sin(math.radians(60))))
print('The value of cos(pi): ' + str(math.cos(math.pi)))
print('The value of tan(90 degree): ' + str(math.tan(math.pi/2)))
print('The value of 5^8: ' + str(math.pow(5, 8)))
```

```
print('Square root of 400: ' + str(math.sqrt(400)))
print('The Floor and Ceiling value of 23.56 are: ' + str(math.ceil(23.56)) + ', ' + str(math.floor(23.56)))
```