

```
1 #finding area of circle using math function
2 import math
3 r=float( input( 'enter the value of r' ) )
4 area=3.14* r* r
5 print( area )
```





TAB



enter the value of r 6

113.03999999999999

[Program finished]

```
1 #finding area of regular polygon
2 from math import tan
3 n=int( input( 'enter nof sides :' ) )
4 l=float( input( 'enter the length:' ) )
5 area=n* ( l* * 2 ) / ( 4* tan( 3.14/n ) )
6 print( area )
```





TAB



```
enter nof sides :2  
enter the length:18  
0.1290049680421572  
[Program finished]
```

```
1 #Generating a random number
2 import random
3 print( random.randint(1,1000) )
```





TAB



560

[Program finished]

```
1 import math
2 pi=3.14
3 x=math.sin( 60 )
4 print( x )
5 y=math.cos( pi )
6 print( y )
7 z=math.tan( 90 )
8 print( z )
9 a=str( math.pow( 5 ,8 ) )
10 print( a )
11 b=math.sqrt( 400 )
12 print( b )
13 c=math.ceil( 23.56 )
14 print( c )
15 d=math.floor( 23.56 )
16 print( z )
```





TAB



```
-0.3048106211022167  
-0.9999987317275395  
-1.995200412208242  
890625.0  
20.0  
24  
-1.995200412208242
```

```
[Program finished]
```