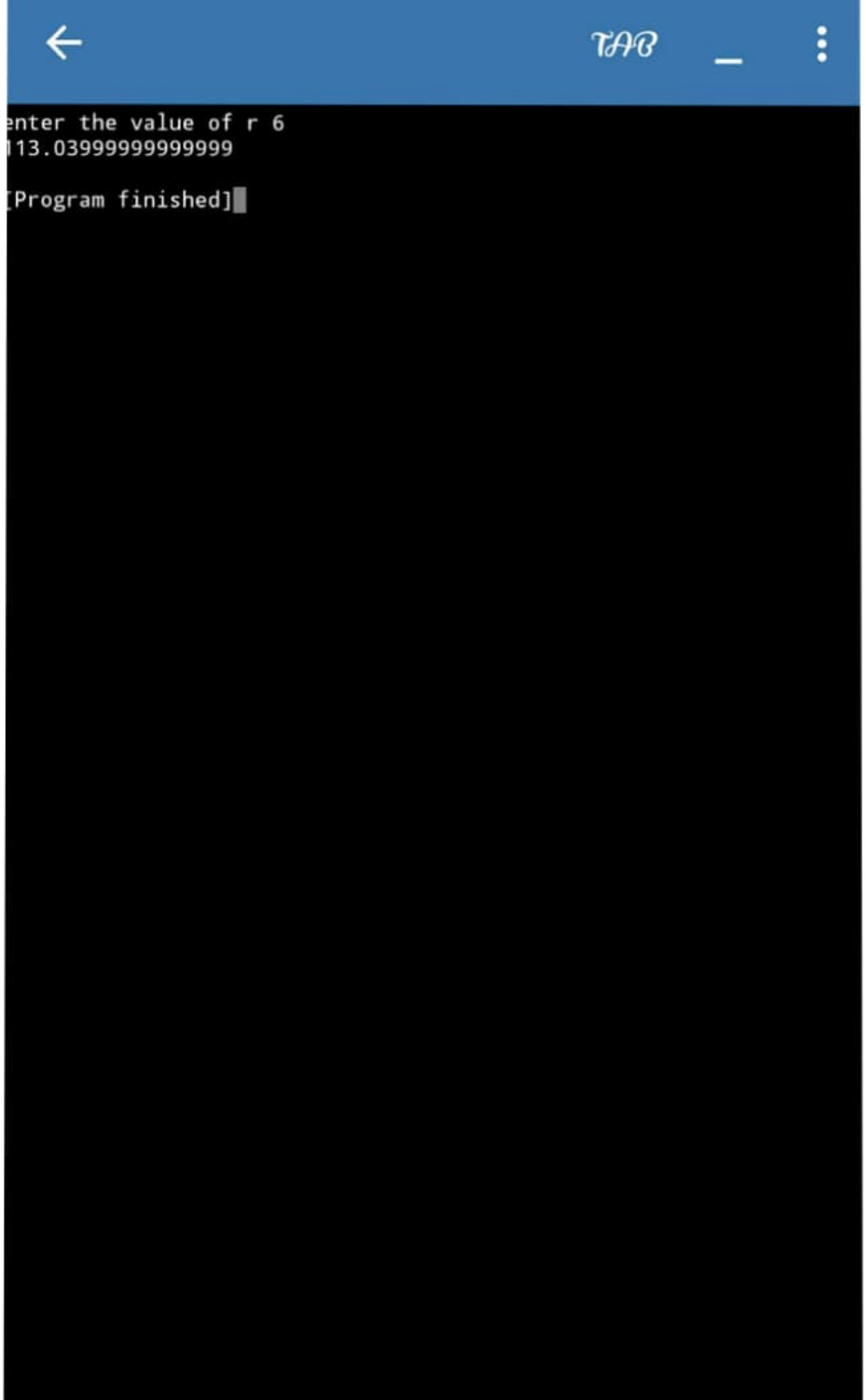
```
1  #finding area of circle using math function
2  import math
3  r=float( input( 'enter the value of r' ) )
4  area=3.14*r*r
5  print( area )
```


TAB
enter the value of r 6
113.03999999999999
[Program finished]

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


```
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 ) )
```


```
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)
```


```
-0.3048106211022167
-0.9999987317275395
-1.995200412208242
390625.0
20.0
24
-1.995200412208242

[Program finished]
```