

LAB:02

QUESTION:01

PROGRAM

INPUT

```
from math import*
angular_velocity=10
r=float(input("enter radius"))
linear_velocity=(r*angular_velocity)
print(linear_velocity)
x=input("do you want to continue or not?")
x="yes"
while(x=="yes"):
    r = float(input("enter radius"))
    linear_velocity = (r * angular_velocity)
    print(linear_velocity)
    x = input("do you want to continue or not?")
```

OUTPUT

enter radius0.5

5.0

do you want to continue or not?yes

enter radius1

10.0

do you want to continue or not?yes

enter radius2

20.0

do you want to continue or not?no

Process finished with exit code 0