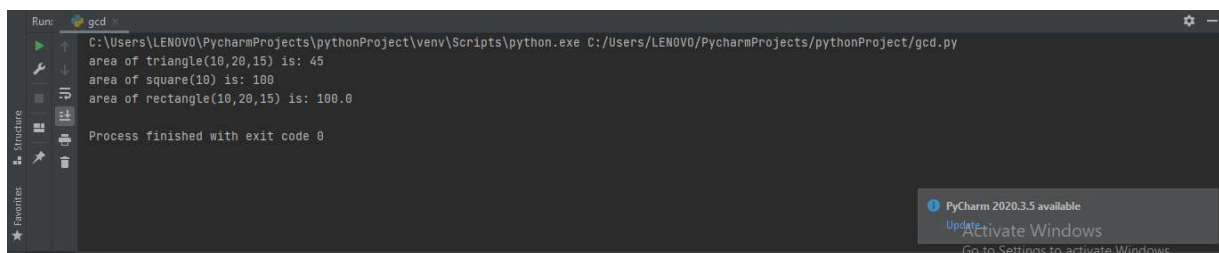


Aim:

To implement Python lambda function of area of square, circle, triangle.

Algorithm:

```
import math
areatria=lambda l,b,h:l+b+h
areasq=lambda a:a*a
arearec=lambda b,h:(b*h)/2
print("area of triangle(10,20,15) is:",areatria(10,20,15))
print("area of square(10) is:",areasq(10))
print("area of rectangle(10,20,15) is:",arearec(10,20))
```

output:A screenshot of the PyCharm IDE's Run console. The console window is titled 'Run: gcd' and shows the execution of a Python script. The output is as follows:
C:\Users\LENOVO\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/LENOVO/PycharmProjects/pythonProject/gcd.py
area of triangle(10,20,15) is: 45
area of square(10) is: 100
area of rectangle(10,20,15) is: 100.0
Process finished with exit code 0
At the bottom right of the console, there is a notification banner that reads: 'PyCharm 2020.3.5 available', 'Update', 'Activate Windows', and 'Go to Settings to activate Windows.'