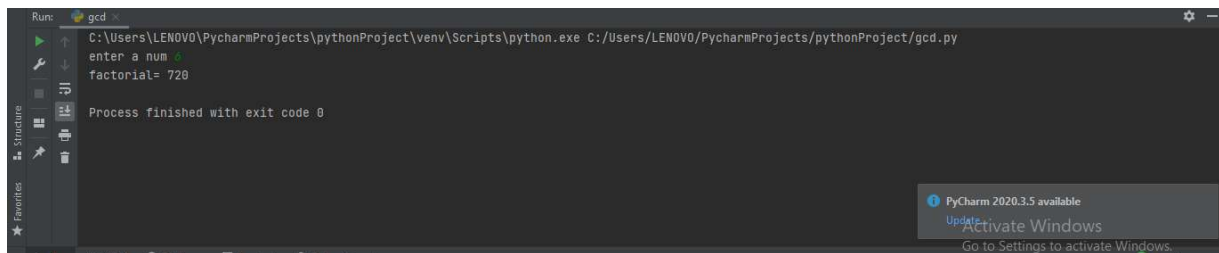


**Aim:**

To implement Python factorial of a number.

**Algorithm:**

```
num=int(input("enter a num"))
def fact(x):
    fact=1
    for i in range(x,0,-1):
        fact=fact*i
    print("factorial=",fact)
fact(num)
```

**output:**

The screenshot shows a PyCharm Run window titled 'gcd'. The command line shows the execution of 'C:\Users\LENOVO\PycharmProjects\pythonProject\venv\Scripts\python.exe C:\Users\LENOVO\PycharmProjects\pythonProject\gcd.py'. The input is 'enter a num' and the output is 'factorial= 720'. The process finished with exit code 0. There is also a notification for PyCharm 2020.3.5 available and a Windows activation watermark.