

AIM :

Gcd or hcd

ALGORITHM

```
import math
a = int(input("Enter the 1 st number:"))
b = int(input("Enter the 2 nd number:"))
print("gcd of",a,"and",b,"is:",math.gcd(a,b))
```

OUTPUT



The screenshot shows a PyCharm IDE window with a terminal output. The terminal displays the execution of a Python script that calculates the GCD of two numbers. The user inputs 4 and 5, and the program outputs that the GCD is 1. The terminal also shows the process finished with exit code 0. The PyCharm interface includes a sidebar with icons for Structure, Favorites, Run, TODO, Problems, Debug, Terminal, Python Console, and Event Log. A Windows activation watermark is visible in the bottom right corner.

```
C:\Users\LENOVO\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/LENOVO/PycharmProjects/pythonProject/nnn.py
Enter the 1 st number:4
Enter the 2 nd number:5
gcd of 4 and 5 is: 1
Process finished with exit code 0
```