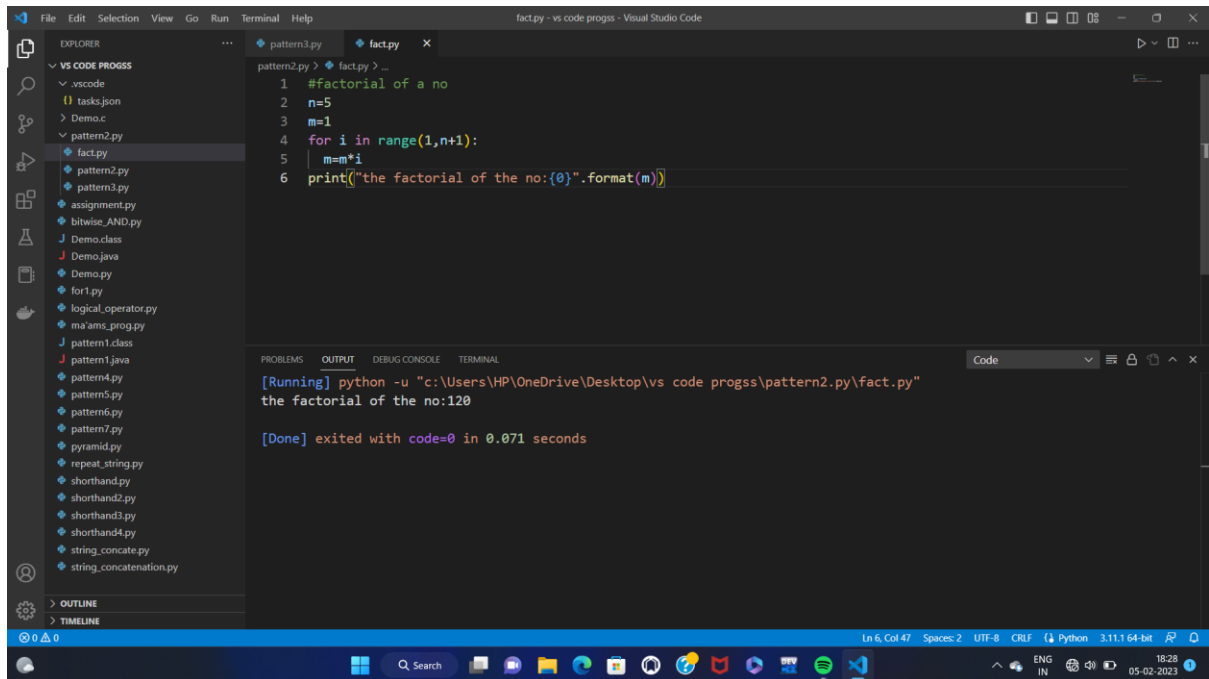


```
#factorial of a no
n=5
m=1
for i in range(1,n+1):
    m=m*i
print("the factorial of the no:{0}".format(m))
```



The screenshot displays the Visual Studio Code interface. The Explorer sidebar on the left shows a project named 'VS CODE PROGRESS' with various files, including 'fact.py'. The main editor window shows the content of 'fact.py', which is a Python script to calculate the factorial of a number. The script is as follows:

```
1 #factorial of a no
2 n=5
3 m=1
4 for i in range(1,n+1):
5     m=m*i
6 print("the factorial of the no:{0}".format(m))
```

Below the editor, the Output window shows the execution of the script. It indicates that the command `python -u "c:\Users\HP\OneDrive\Desktop\vs code progss\pattern2.py\fact.py"` was run, resulting in the output `the factorial of the no:120`. The execution completed successfully with `code=0` in `0.071` seconds.