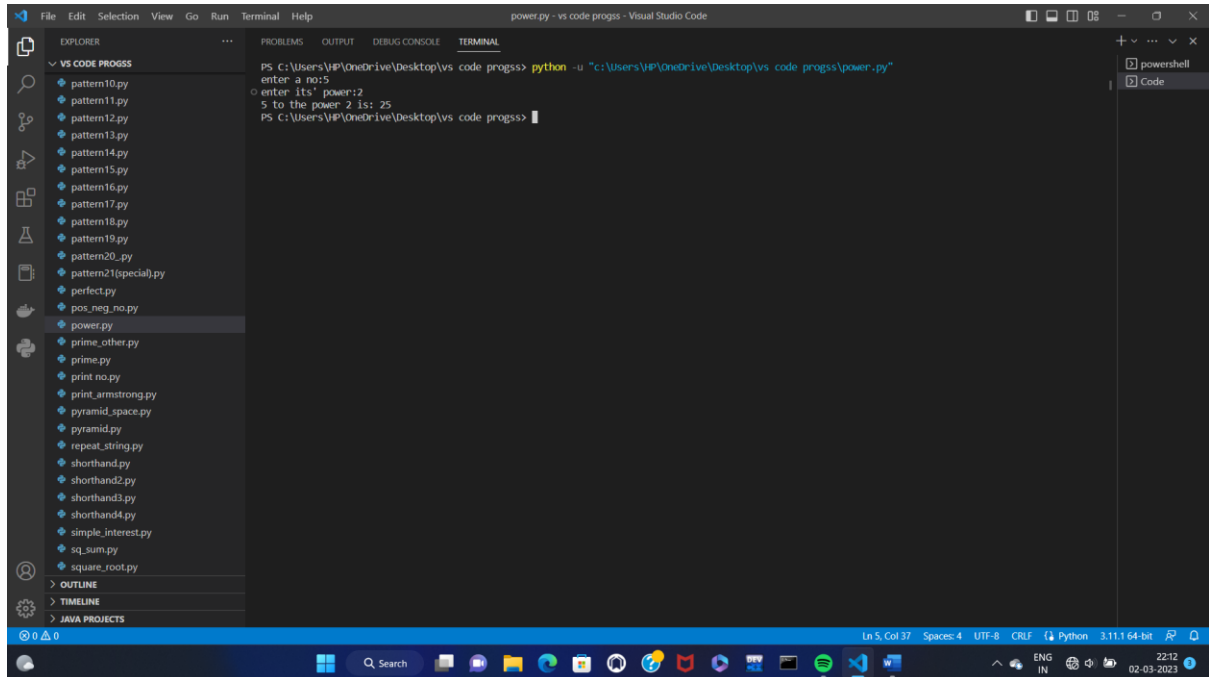


```
#power of a no
a=int(input("enter a no:"))
b=int(input("enter its' power:"))
power=pow(a,b);
print(a,"to the power",b,"is:",power)
```



The screenshot shows the Visual Studio Code interface with the 'power.py' file open in the editor. The file explorer on the left lists various Python files, including 'pattern10.py' through 'square_root.py'. The terminal window at the bottom shows the command 'python -u "c:\Users\VIP\OneDrive\Desktop\vs_code progss\power.py"' being executed. The output of the script is displayed in the terminal: 'enter a no:5', 'enter its' power:2', and '5 to the power 2 is: 25'. The status bar at the bottom indicates the file is at line 5, column 37, using UTF-8 encoding with CRLF line endings, and is a Python 3.11.1 64-bit file.

```
power.py - vs code progss - Visual Studio Code
EXPLORER
VS CODE PROGSS
pattern10.py
pattern11.py
pattern12.py
pattern13.py
pattern14.py
pattern15.py
pattern16.py
pattern17.py
pattern18.py
pattern19.py
pattern20.py
pattern21(special).py
perfect.py
pos_neg_no.py
power.py
prime_other.py
prime.py
print_no.py
print_armstrong.py
pyramid_space.py
pyramid.py
repeat_string.py
shorthand.py
shorthand2.py
shorthand3.py
shorthand4.py
simple_interest.py
sq_sum.py
square_root.py
OUTLINE
TIMELINE
JAVA PROJECTS
TERMINAL
PS C:\Users\VIP\OneDrive\Desktop\vs_code progss> python -u "c:\Users\VIP\OneDrive\Desktop\vs_code progss\power.py"
enter a no:5
enter its' power:2
5 to the power 2 is: 25
PS C:\Users\VIP\OneDrive\Desktop\vs_code progss>
Ln 5, Col 37 Spaces: 4 UTF-8 CRLF Python 3.11.1 64-bit 22:12 02-03-2023
```