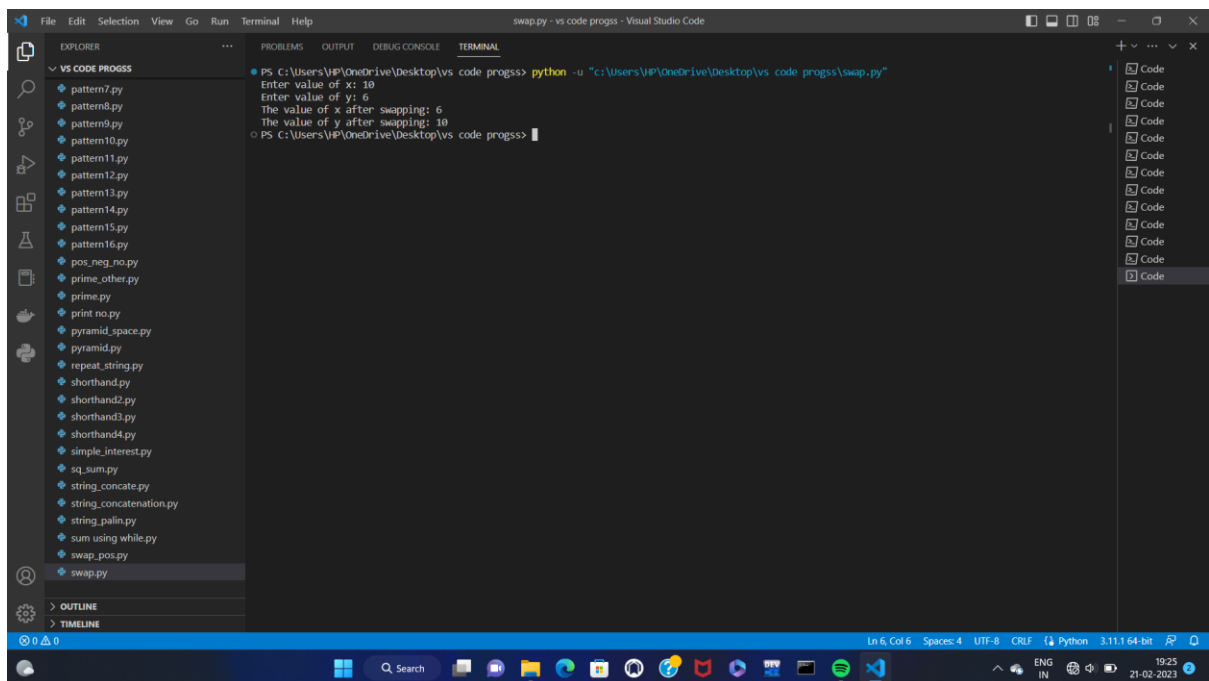


```
# Python program to swap two variables
x = input('Enter value of x: ')
y = input('Enter value of y: ')
# create a temporary variable and swap the values
temp = x
x = y
y = temp
print('The value of x after swapping: {}'.format(x))
print('The value of y after swapping: {}'.format(y))
```



The screenshot displays the Visual Studio Code interface. The Explorer panel on the left shows a project named 'vs code prograss' containing a list of Python files. The file 'swap.py' is selected. The Terminal panel at the bottom shows the command `python -u "c:\Users\VF\OneDrive\Desktop\vs code prograss\swap.py"` being executed. The terminal output shows the program's execution: it prompts for 'Enter value of x:', receives '10', prompts for 'Enter value of y:', receives '6', and then prints 'The value of x after swapping: 6' and 'The value of y after swapping: 10'. The status bar at the bottom indicates the current file is 'Ln 6, Col 6', the encoding is 'UTF-8', the line ending is 'CRLF', the language is 'Python', and the version is '3.11.1 64-bit'.

```
File Edit Selection View Go Run Terminal Help
swap.py - vs code prograss - Visual Studio Code

EXPLORER
vs code prograss
  pattern7.py
  pattern8.py
  pattern9.py
  pattern10.py
  pattern11.py
  pattern12.py
  pattern13.py
  pattern14.py
  pattern15.py
  pattern16.py
  pos_neg_no.py
  prime_other.py
  prime.py
  print_no.py
  pyramid_space.py
  pyramid.py
  repeat_string.py
  shorthand.py
  shorthand2.py
  shorthand3.py
  shorthand4.py
  simple_interest.py
  sq_sum.py
  string_concat.py
  string_concatenation.py
  string_palindrome.py
  sum_using_while.py
  swap_pos.py
  swap.py

OUTLINE
TIMELINE

TERMINAL
PS C:\Users\VF\OneDrive\Desktop\vs code prograss> python -u "c:\Users\VF\OneDrive\Desktop\vs code prograss\swap.py"
Enter value of x: 10
Enter value of y: 6
The value of x after swapping: 6
The value of y after swapping: 10
PS C:\Users\VF\OneDrive\Desktop\vs code prograss>

Ln 6, Col 6  Spaces: 4  UTF-8  CRLF  Python  3.11.1 64-bit
```