



Python

Problem

PYTHON PROGRAM

Python Problem

27. Swap Without using third variable

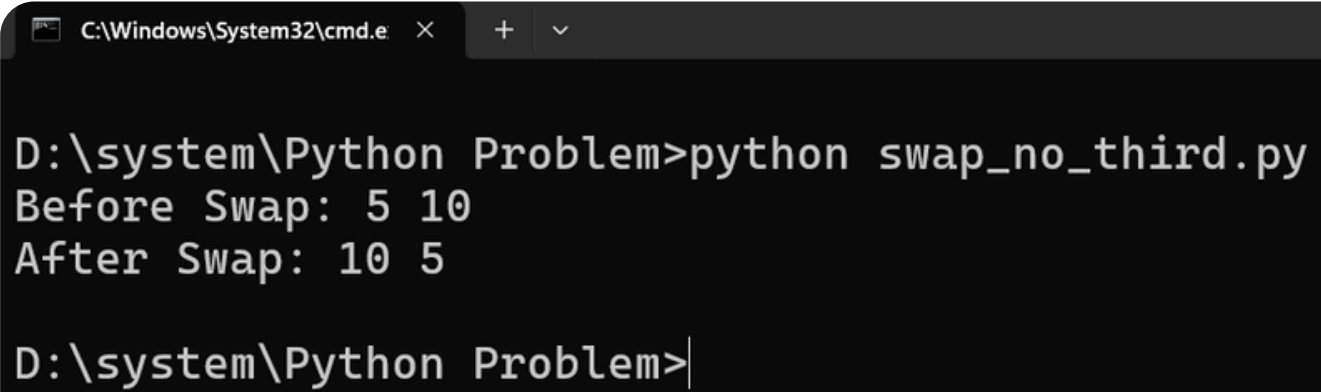
Code



```
1 a, b = 5, 10
2 print("Before Swap:", a, b)
3 a = a + b
4 b = a - b
5 a = a - b
6 print("After Swap:", a, b)
7
```

The screenshot shows a code editor with a file explorer on the left containing various Python files. The active file is 'swap_no_third.py', which contains the following code:

Output



A screenshot of a Windows command prompt window. The title bar shows the path 'C:\Windows\System32\cmd.e' and standard window controls. The command prompt shows the directory 'D:\system\Python Problem' and the command 'python swap_no_third.py' being executed. The output of the script is displayed as two lines: 'Before Swap: 5 10' and 'After Swap: 10 5'. The prompt is currently at 'D:\system\Python Problem>'.

```
C:\Windows\System32\cmd.e × + ∨  
  
D:\system\Python Problem>python swap_no_third.py  
Before Swap: 5 10  
After Swap: 10 5  
  
D:\system\Python Problem>
```



Thank you !
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