



Python

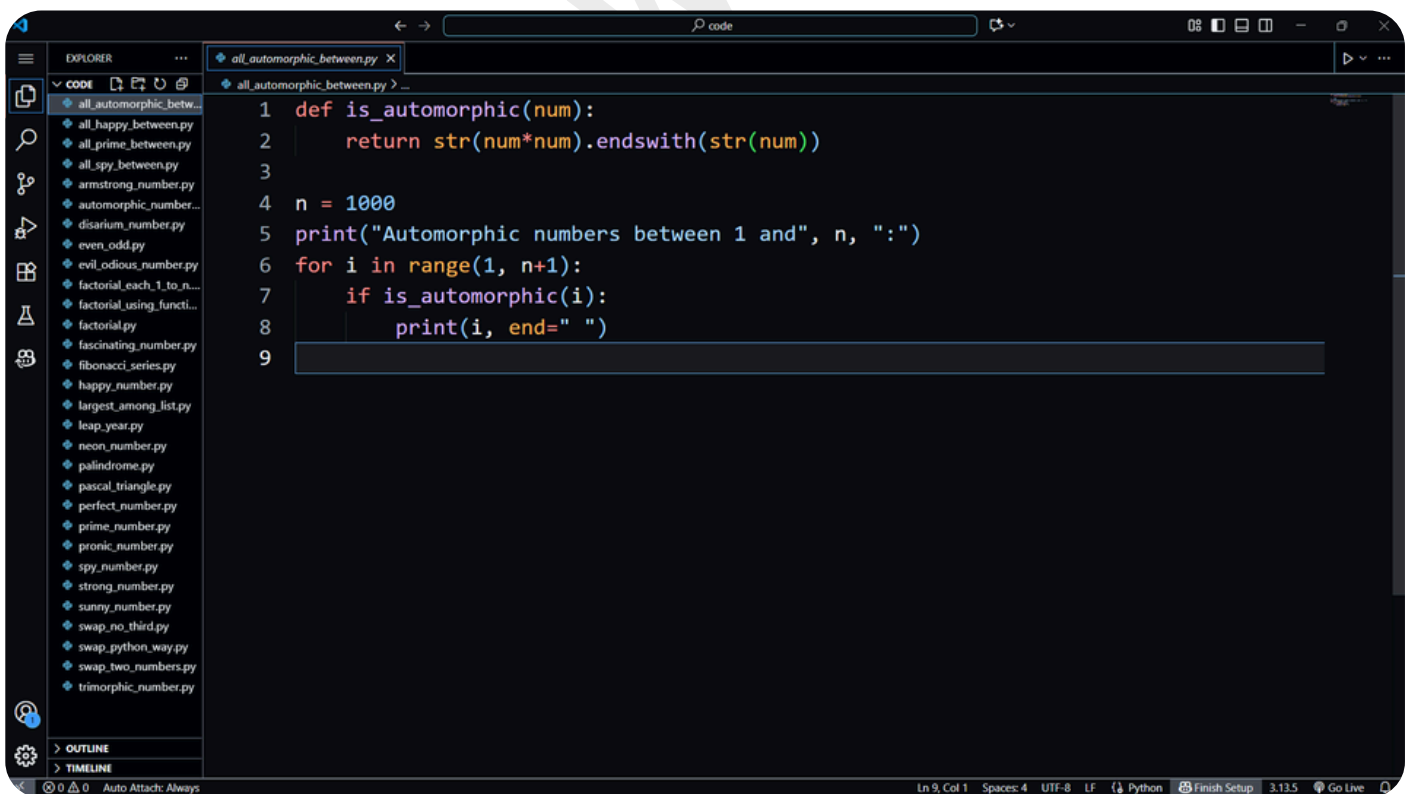
Problem

PYTHON PROGRAM

Python Problem

1. All Automorphic numbers

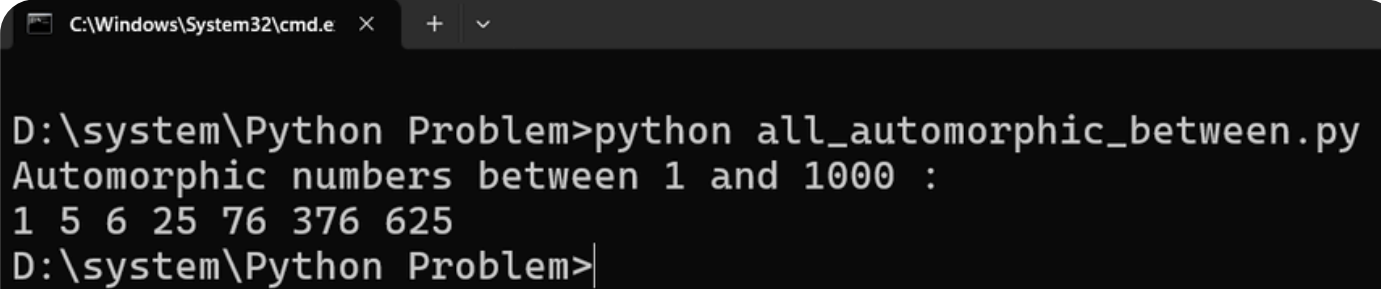
Code



The screenshot shows a VS Code editor window with a file explorer on the left and a code editor on the right. The file explorer lists various Python files, including 'all_automorphic_between.py'. The code editor displays the following Python code:

```
1 def is_automorphic(num):
2     return str(num*num).endswith(str(num))
3
4 n = 1000
5 print("Automorphic numbers between 1 and", n, ":")
6 for i in range(1, n+1):
7     if is_automorphic(i):
8         print(i, end=" ")
9
```

Output



A screenshot of a Windows command prompt window. The title bar shows 'C:\Windows\System32\cmd.e' with a close button and window controls. The command prompt shows the directory 'D:\system\Python Problem' and the command 'python all_automorphic_between.py'. The output of the script is 'Automorphic numbers between 1 and 1000 : 1 5 6 25 76 376 625'. The prompt is ready for the next command.

```
C:\Windows\System32\cmd.e X + v
D:\system\Python Problem>python all_automorphic_between.py
Automorphic numbers between 1 and 1000 :
1 5 6 25 76 376 625
D:\system\Python Problem>
```



Thank you !
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