



Python

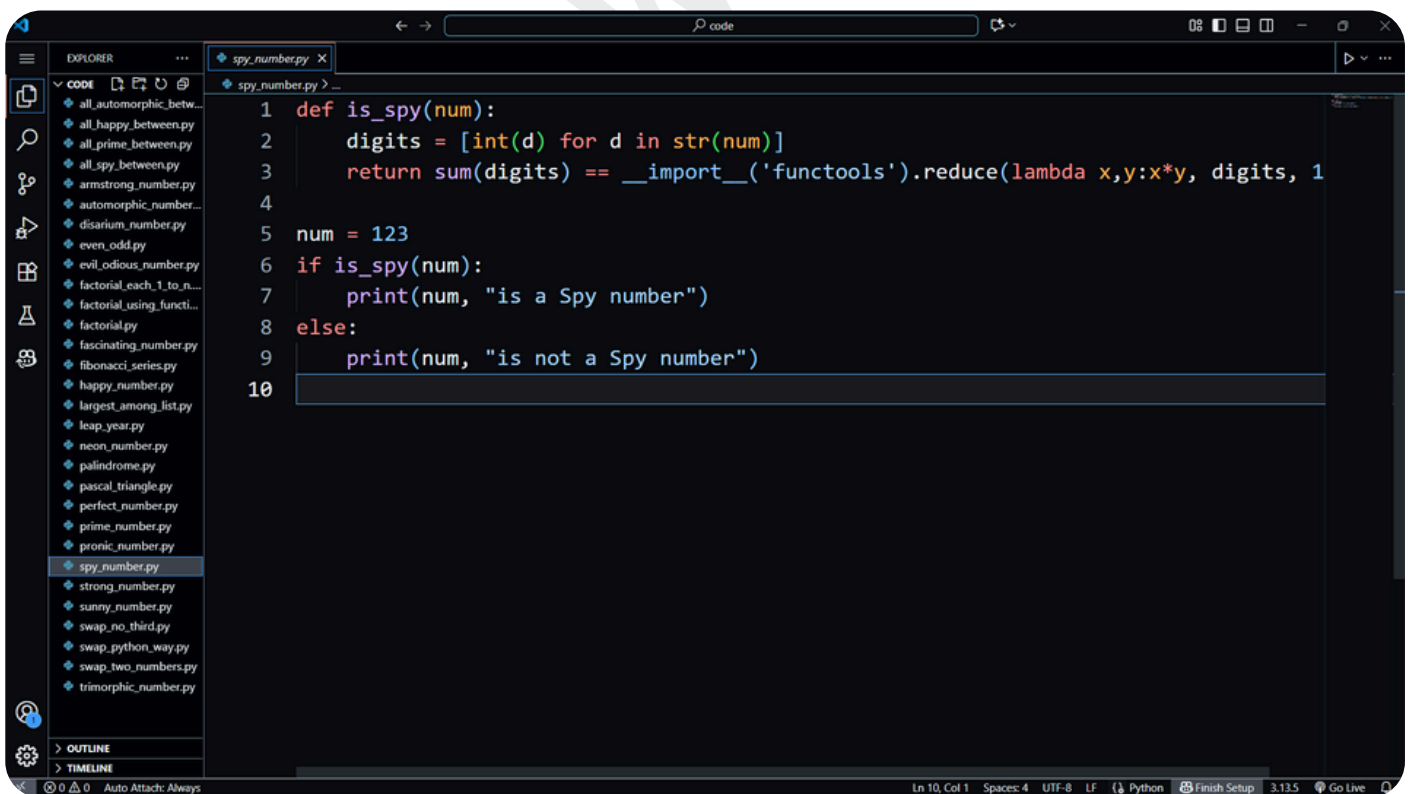
Problem

PYTHON PROGRAM

Python Problem

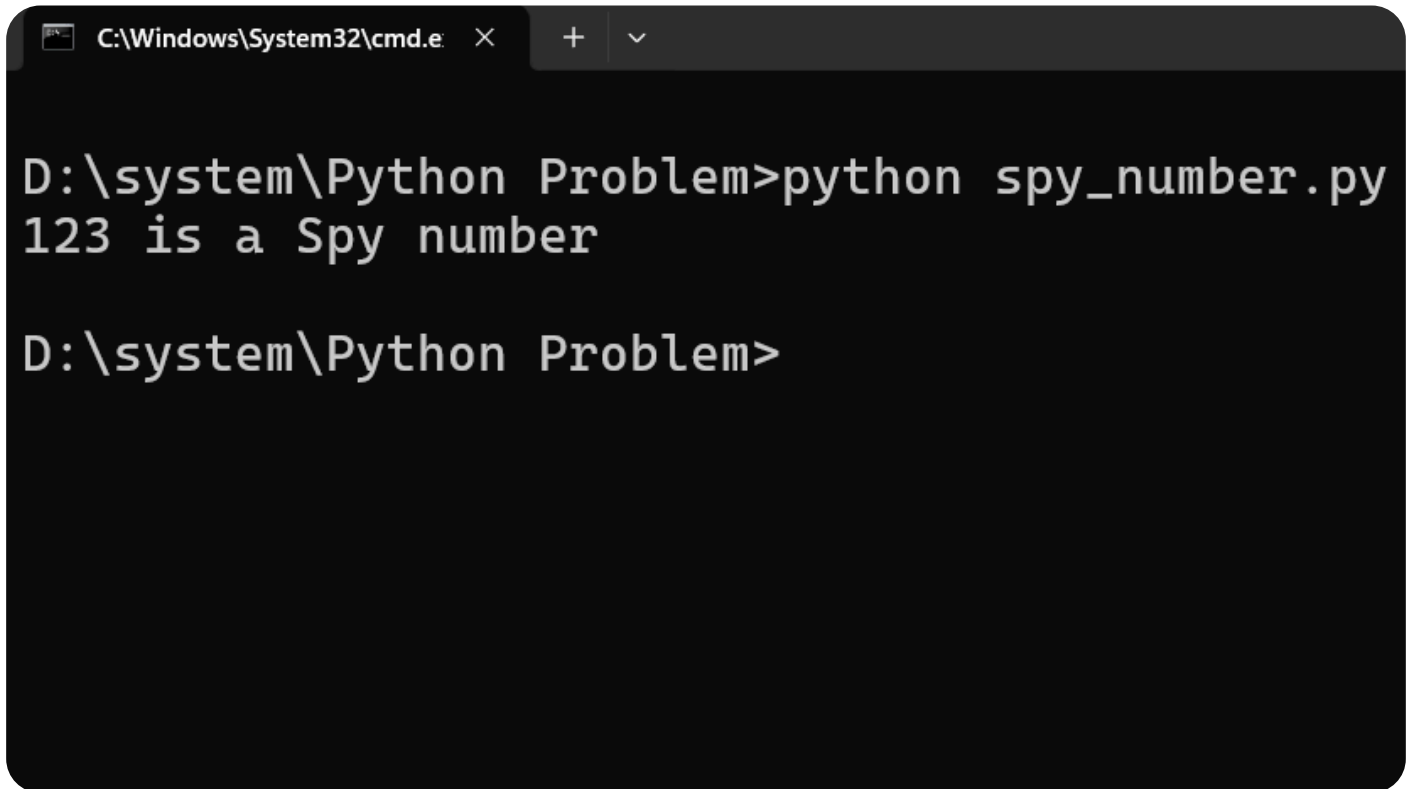
24. Spy Number

Code



```
1 def is_spy(num):
2     digits = [int(d) for d in str(num)]
3     return sum(digits) == __import__('functools').reduce(lambda x,y:x*y, digits, 1)
4
5 num = 123
6 if is_spy(num):
7     print(num, "is a Spy number")
8 else:
9     print(num, "is not a Spy number")
10
```

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 spy_number.py'. The output of the command is '123 is a Spy number'. The prompt then returns to 'D:\system\Python Problem>'.

```
C:\Windows\System32\cmd.e X + v  
  
D:\system\Python Problem>python spy_number.py  
123 is a Spy number  
  
D:\system\Python Problem>
```

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