

HANDSON-4

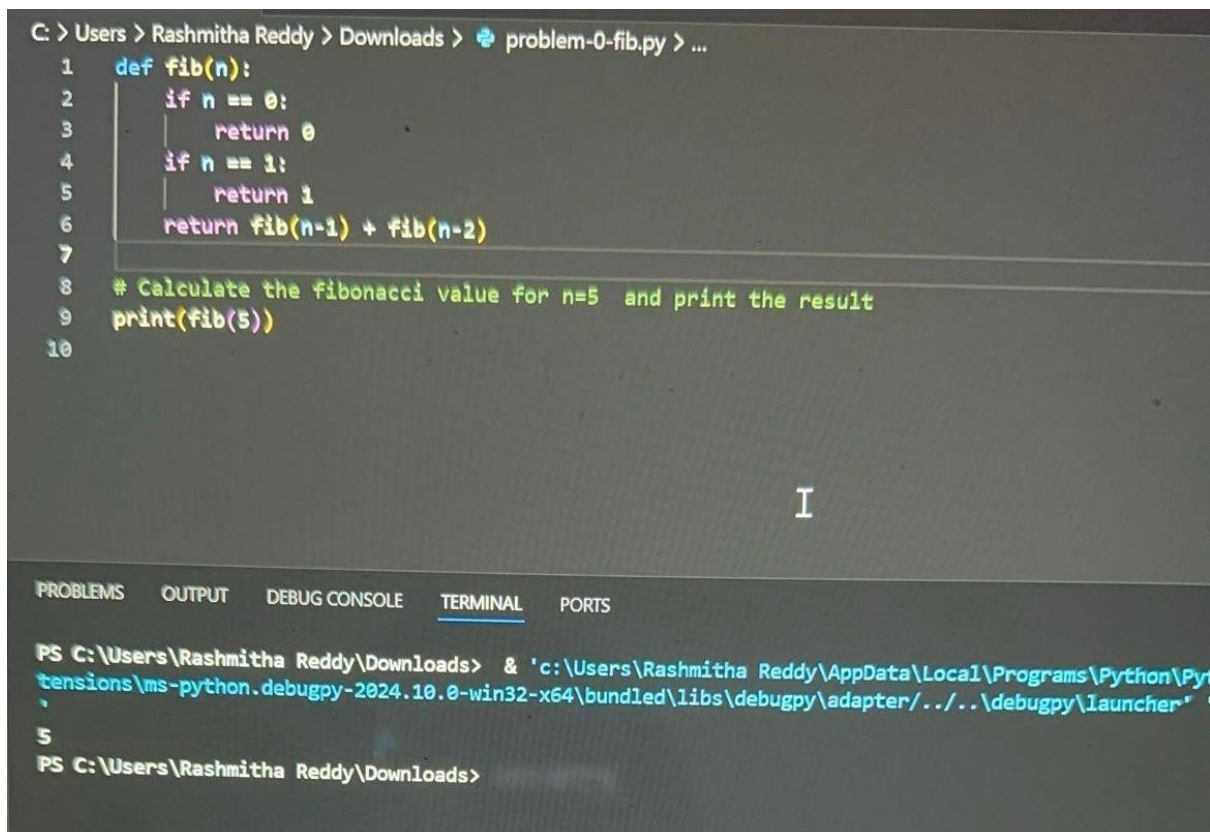
DAA

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OUTPUTS:

PROBLEM-0



The image shows a code editor window with a Python script for calculating the 5th Fibonacci number. The script is as follows:

```
1 def fib(n):
2     if n == 0:
3         return 0
4     if n == 1:
5         return 1
6     return fib(n-1) + fib(n-2)
7
8 # Calculate the fibonacci value for n=5 and print the result
9 print(fib(5))
10
```

Below the code editor is a terminal window. The terminal shows the command to run the script using the Python interpreter, followed by the output '5'.

```
PS C:\Users\Rashmitha Reddy\Downloads> & 'c:\Users\Rashmitha Reddy\AppData\Local\Programs\Python\Python310\python.exe' problem-0-fib.py
5
PS C:\Users\Rashmitha Reddy\Downloads>
```

PROBLEM-1

