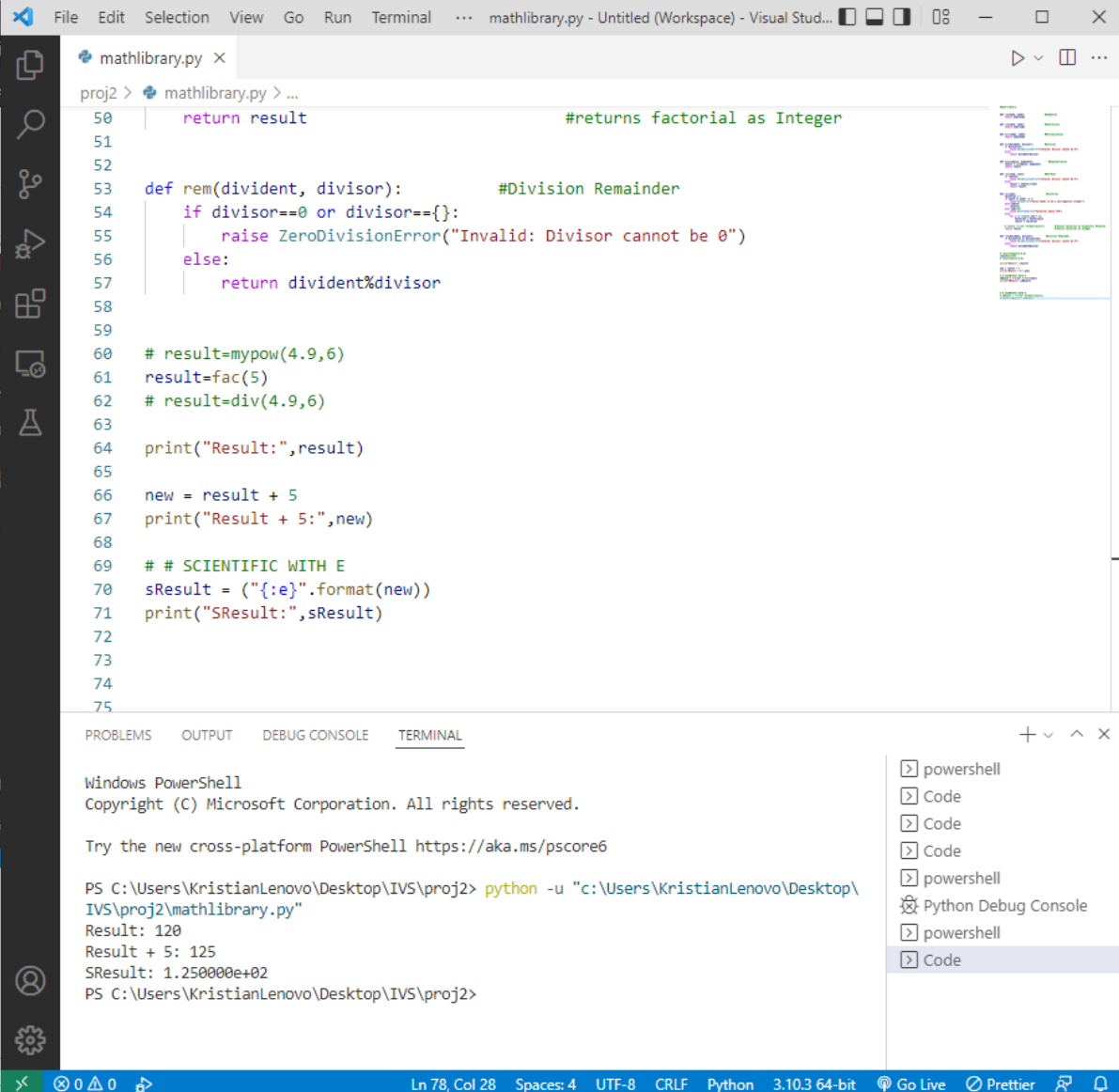


# Debugging

Pro debugging matematické knihovny jsem využíval funkci “print” a tím si kontroloval výsledky v proměnných. Vzhledem k jednoduchosti kódu jsem necítil potřebu využít jiné metody debuggingu.



The screenshot shows the Visual Studio Code interface with a Python file named `mathlibrary.py` open. The code defines a `rem` function for division remainder and includes test cases for factorial, division, and scientific notation. The terminal at the bottom shows the execution of the script, which runs successfully and prints the expected results.

```
proj2 > mathlibrary.py > ...
50     return result                                #returns factorial as Integer
51
52
53 def rem(divident, divisor):                        #Division Remainder
54     if divisor==0 or divisor=={}:
55         raise ZeroDivisionError("Invalid: Divisor cannot be 0")
56     else:
57         return divident%divisor
58
59
60 # result=mypow(4.9,6)
61 result=fac(5)
62 # result=div(4.9,6)
63
64 print("Result:",result)
65
66 new = result + 5
67 print("Result + 5:",new)
68
69 # # SCIENTIFIC WITH E
70 sResult = ("{:e}".format(new))
71 print("SResult:",sResult)
72
73
74
75
```

Windows PowerShell  
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\KristianLenovo\Desktop\IVS\proj2> python -u "c:\Users\KristianLenovo\Desktop\IVS\proj2\mathlibrary.py"

Result: 120  
Result + 5: 125  
SResult: 1.250000e+02  
PS C:\Users\KristianLenovo\Desktop\IVS\proj2>

Ln 78, Col 28 Spaces: 4 UTF-8 CRLF Python 3.10.3 64-bit Go Live Prettier