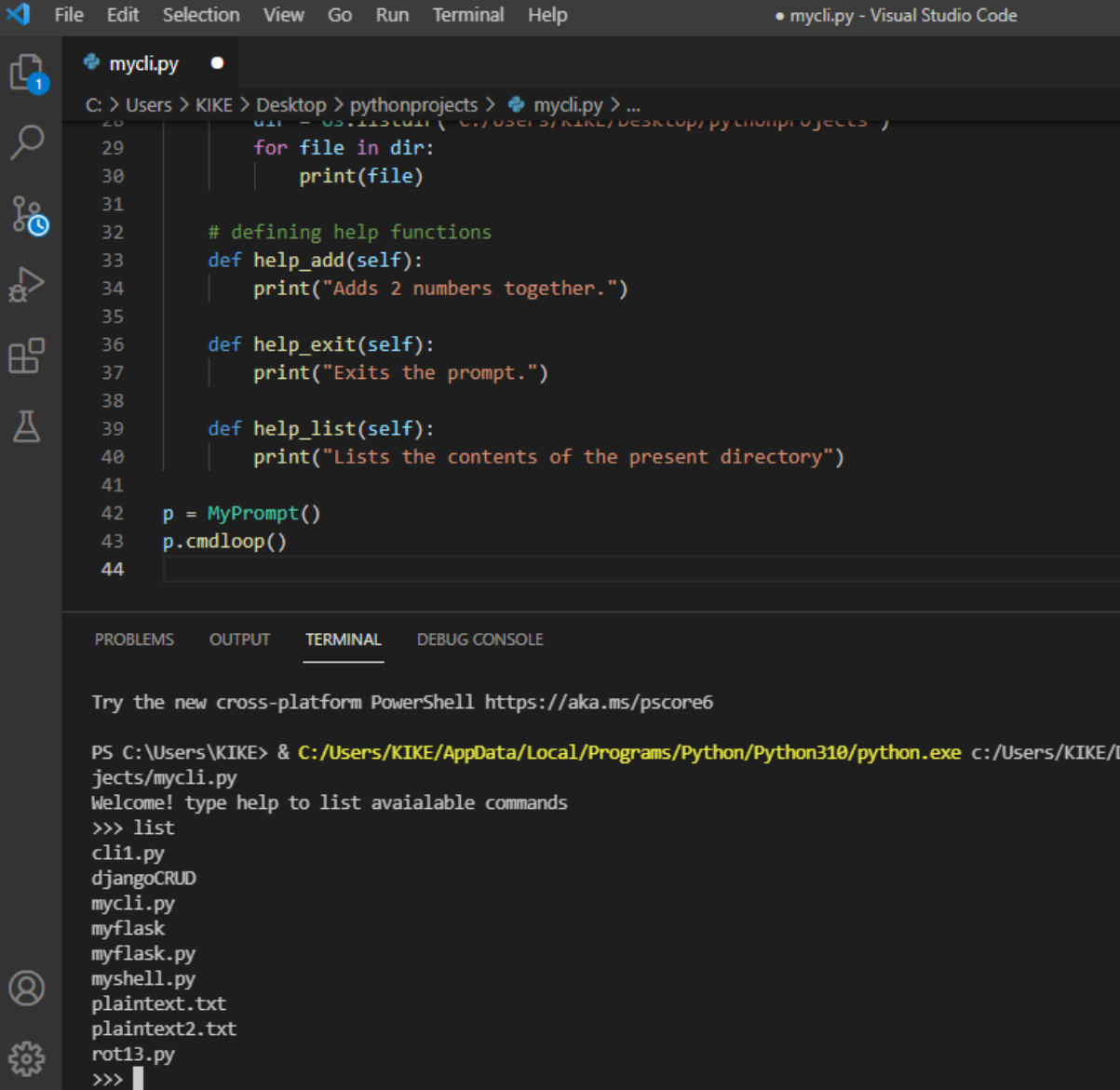# Unit 7 – Exploring a simple python shell

In this session, you will create a command shell in Python, and then run it and answer questions about it.

When you enter the command LIST it lists the contents of the current directory

- The ADD command will add the following two numbers together and provide the result.

```
>>> add
5
2
'5' + '2' + equals '7'
>>> add
5
jhgkj
Invalid input, enter integers only
>>>
```

- The HELP command provides a list of commands available

```
>>> help

Documented commands (type help <topic>):
========================================
add  exit  help  list

>>>
```

- The EXIT command exits the shell

```
Documented commands (type help <topic>):
========================================
add  exit  help  list

>>> exit
come back soon!
PS C:\Users\KIKE>
```

- What are the two main security vulnerabilities with your shell?
- What is one recommendation you would make to increase the security of the shell?
- Add a section to your e-portfolio that provides a (pseudo)code example of changes you would make to the shell to improve its security.