

# AFL Assignment

## Unit 2

DATE: 29/10/2021

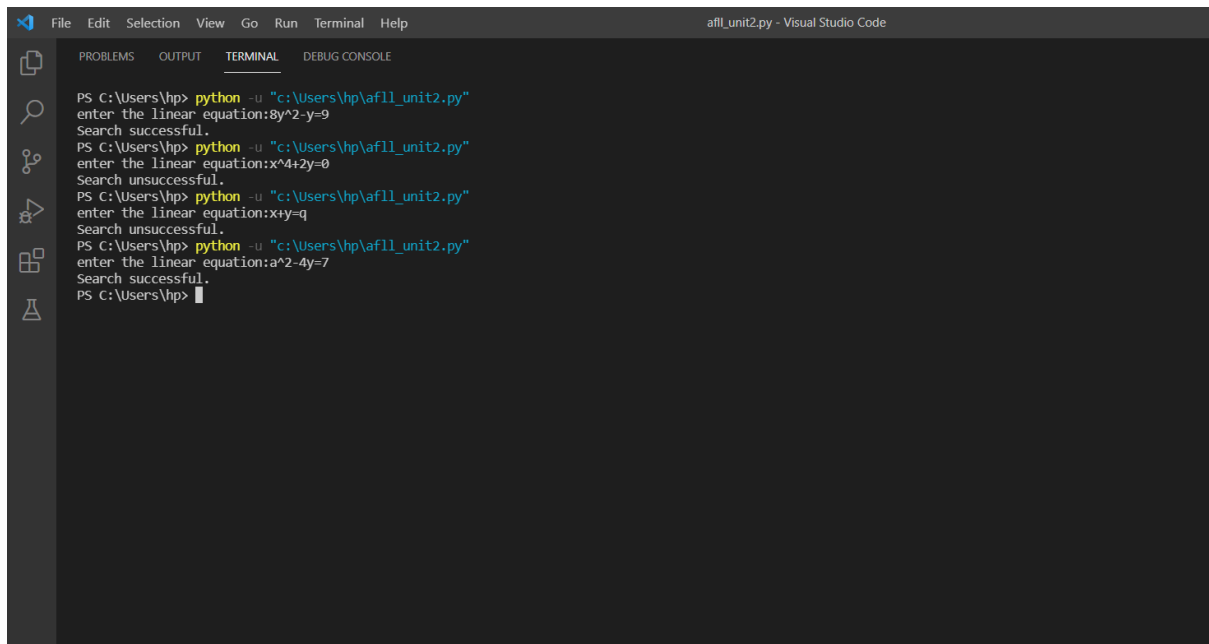
### CODE SNIPPET:

```
import re

pattern = '^[\d-]?[a-z]\^(2)[+-][\d-]?[a-z]\=[\d-]$\n'
x= input("enter the linear equation:")
result = re.match(pattern, x)

if result:
    print("Search successful.")
else:
    print("Search unsuccessful.")
```

### OUTPUT:



```
File Edit Selection View Go Run Terminal Help
afl1_unit2.py - Visual Studio Code

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

PS C:\Users\hvp> python -u "c:\Users\hvp\af11_unit2.py"
enter the linear equation:8y^2-y=9
Search successful.
PS C:\Users\hvp> python -u "c:\Users\hvp\af11_unit2.py"
enter the linear equation:x^4+2y=0
Search unsuccessful.
PS C:\Users\hvp> python -u "c:\Users\hvp\af11_unit2.py"
enter the linear equation:x+y=q
Search unsuccessful.
PS C:\Users\hvp> python -u "c:\Users\hvp\af11_unit2.py"
enter the linear equation:a^2-4y=7
Search successful.
PS c:\Users\hvp> █
```

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