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Untitled (Workspace)

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EXPLORER

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UNTITLED (WORKSPACE)

Introduction to Programming wit...

Advanced Computer Programmi...

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Luhn\_Algorithm

LumbdaExpensesTracker

lumbda.py

Vigenere\_Cipher

index.py

tempCodeRunnerFile.py

Week 2

Lab

AdvComPro\_Week02.pdf

start.py

Week 3

Lab

Lab1.py

Lab2.py

Lab3.py

Lab4.py

Lab5.py

Lab6.py

Lab7.py

Lab8.py

Lab9.py

Lab10.py

AdvComPro\_Week03.pdf

tempCodeRunnerFile.py

week3.py

OUTLINE

TIMELINE

Lab1.py

Lab2.py

Lab3.py

Lab4.py

Lab5.py

Lab6.py

Lab7.py

Lab8.py

Lab9.py

Lab

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Advanced Computer Programming > Week 3 > Lab > Lab2.py > ...

1 score = 80

2 if score >= 90:

3 print("A")

4 elif score >= 80 and score <= 89:

5 print("B")

6 elif score >= 70 and score <= 79:

7 print("C")

8 elif score >= 60 and score <= 69:

9 print("D")

10 else:

11 print("F")

12

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SERIAL MONITOR

COMMENTS

Code - Advanced Computer Programming

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arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

\$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 3\Lab\Lab2.py"

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arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

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CRLF

Python

3.12.4 64-bit (Microsoft Store)

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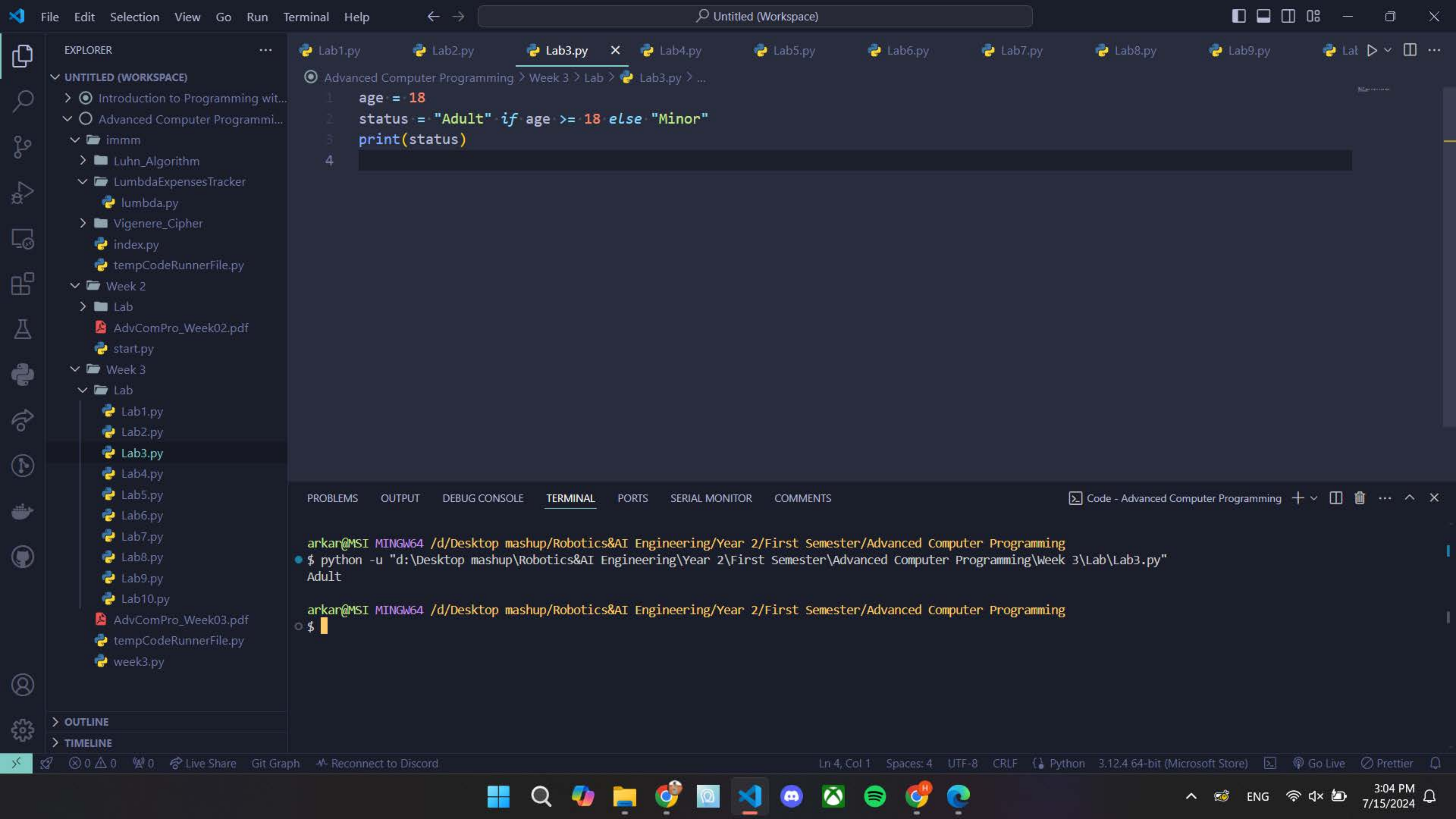
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7/15/2024







EXPLORER

UNTITLED (WORKSPACE)

- Introduction to Programming with Python
- Advanced Computer Programming
  - immu
    - Luhn\_Algorithm
    - LambdaExpensesTracker
      - lumbda.py
    - Vigenere\_Cipher
      - index.py
      - tempCodeRunnerFile.py
  - Week 2
    - Lab
      - AdvComPro\_Week02.pdf
      - start.py
  - Week 3
    - Lab
      - Lab1.py
      - Lab2.py
      - Lab3.py
      - Lab4.py
      - Lab5.py
      - Lab6.py
      - Lab7.py
      - Lab8.py
      - Lab9.py
      - Lab10.py
      - AdvComPro\_Week03.pdf
      - tempCodeRunnerFile.py
      - week3.py

OUTLINE

TIMELINE

Advanced Computer Programming > Week 3 > Lab > Lab4.py > ...

```
1 numbers = [1, 2, 3, 4, 5]
2 modified_numbers = [x + 10 if x % 2 == 0 else x - 1 for x in numbers]
3 print(modified_numbers)
4
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS SERIAL MONITOR COMMENTS

```

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming
$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 3\Lab\Lab4.py"
[0, 12, 2, 14, 4]

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming
$

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EXPLORER

UNTITLED (WORKSPACE)

- > Introduction to Programming with...
- > Advanced Computer Programming...
- > immm
  - > Luhn\_Algorithm
  - > LumbdaExpensesTracker
    - lumbda.py
  - > Vigenere\_Cipher
    - index.py
    - tempCodeRunnerFile.py
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    - Lab1.py
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    - Lab6.py
    - Lab7.py
    - Lab8.py
    - Lab9.py
    - Lab10.py
    - AdvComPro\_Week03.pdf
    - tempCodeRunnerFile.py
    - week3.py

OUTLINE

TIMELINE

Advanced Computer Programming > Week 3 > Lab > Lab8.py > ...

```
1 for i in range(1, 11):
2     if i == 5:
3         break
4     print(i)
5
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS SERIAL MONITOR COMMENTS

```
arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming
$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 3\Lab\Lab8.py"
```

- 1
- 2
- 3
- 4

```
arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming
$
```



