CONTROL – FLOW LAB

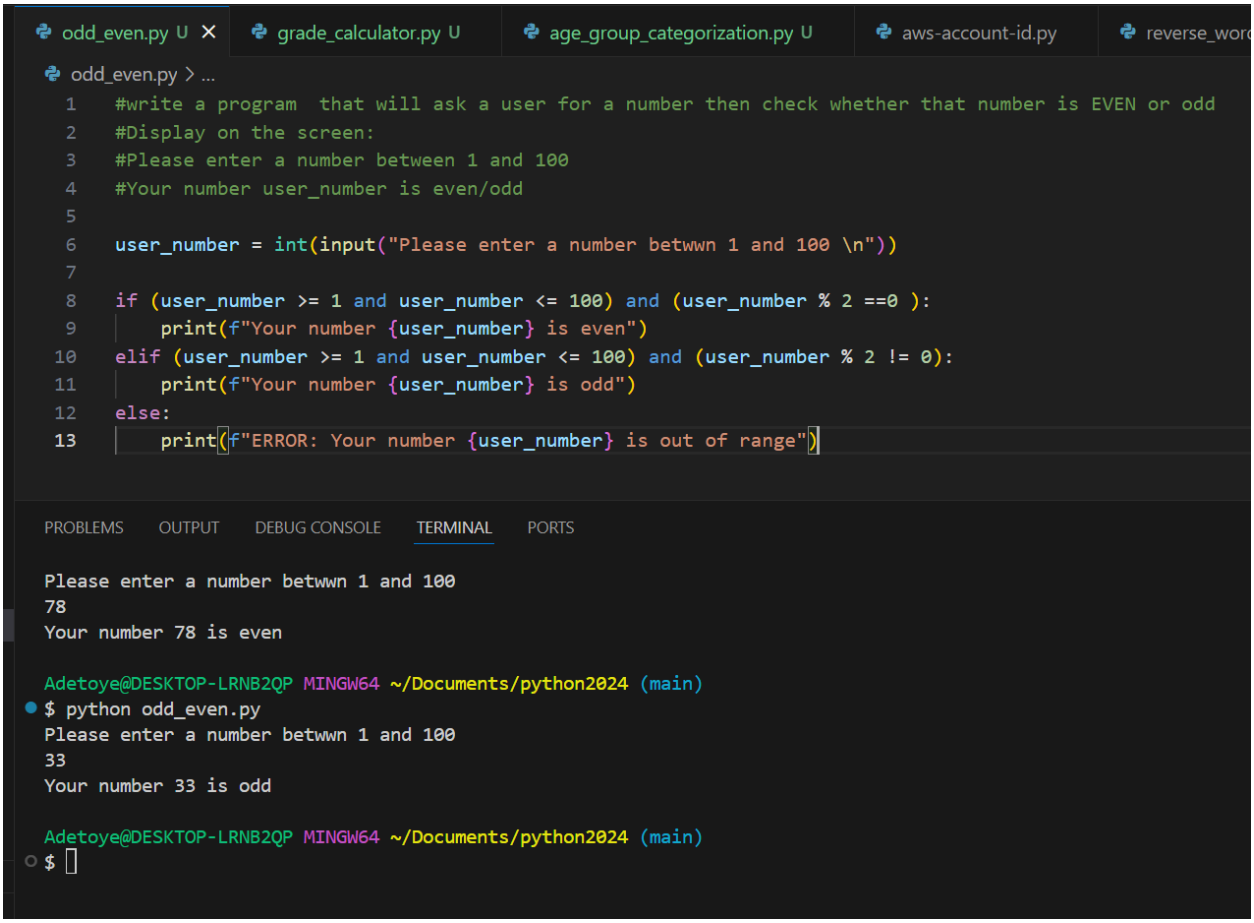
#write a program that will ask a user for a number then check whether that number is EVEN or odd

#Display on the screen:

#Please enter a number between 1 and 100

#Your number user_number is even/odd

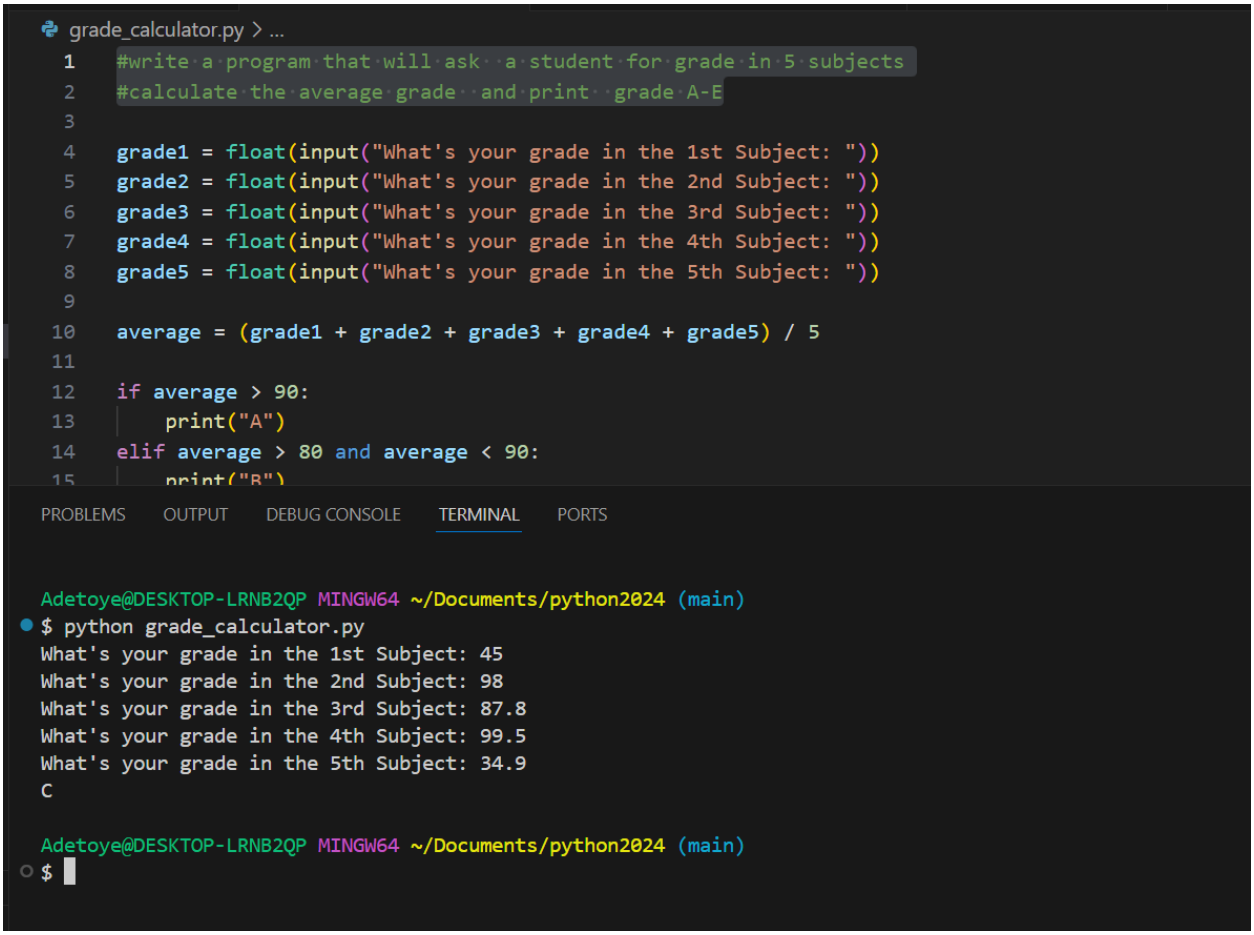
Odd-even.py



Grade calculator script

#write a program that will ask a student for grade in 5 subjects

#calculate the average grade and print grade A-E



Age_group categorization output

Prompt the user to enter their age as an integer

#Based on the input, categorize the person into one of the following

Infant (0-1), Toddler (2-3), child (4-12), Teenager (13-19), Adult (20-64), Senior (65 or older)

age_group_categorization.py > ...

```python
age = int(input("what is your age today: "))

if age >= 0 and age <= 1:
    print("You are an Infant")
elif age >=2 and age <=3 :
    print("You are a Toddler")
elif age >=4 and age <=12 :
    print("You are a Child")
elif age >= 13 and age <= 19 :
    print("You are a Teenager")
elif age >=20 and age <= 64 :
    print("You are a Adult")
elif age >= 65 and age <= 150:
    print("You are a Senior")
else:
    print("ERROR: The age is invalid")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
$ python age_group_categorization.py
what is your age today: 3
You are a Toddler

Adetoye@DESKTOP-LRNB2QP MINGW64 ~/Documents/python2024 (main)
$ python age_group_categorization.py
what is your age today: 10
You are a Child

Adetoye@DESKTOP-LRNB2QP MINGW64 ~/Documents/python2024 (main)
$
```