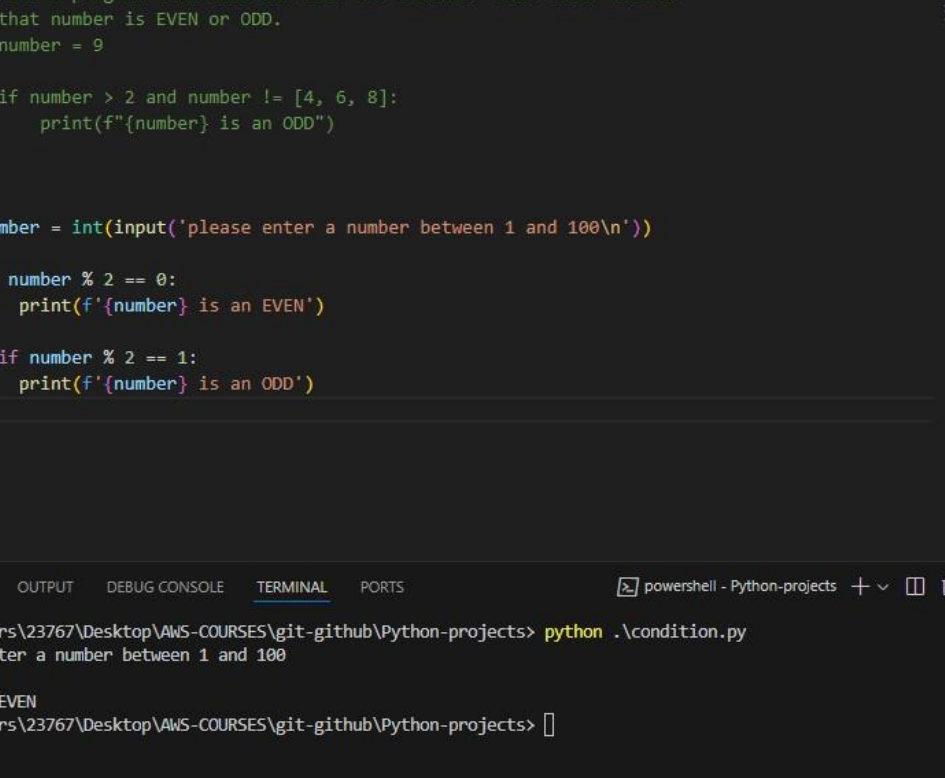Lab1 : condition

Write a program that will ask user for a number than check whether that number is EVEN or ODD.

```
condition.py U X     test-condition.py     grade-calculator.py U     aws-account-id.py U     reversing

Python-projects > condition.py > ...
   1    #Write a program that will ask user for a number than check whether
   2    # that number is EVEN or ODD.
   3    # number = 9
   4
   5    # if number > 2 and number != [4, 6, 8]:
   6    #     print(f"{number} is an ODD")
   7
   8
   9
  10    number = int(input('please enter a number between 1 and 100\n'))
  11
  12  v if number % 2 == 0:
  13        print(f'{number} is an EVEN')
  14
  15  v elif number % 2 == 1:
  16        print(f'{number} is an ODD')
  17
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS                    powershell - Python-projects

PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> python .\condition.py
please enter a number between 1 and 100
50
50 is an EVEN
PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects>
```

Lab2 :

Write a program that will ask a student for their grade in 5 subjects Calculate your average grade and print grade from A-E.

```python
Python-projects > 🐍 grade-calculator.py > ...
  1   # Write a program that will ask a student for their grade in 5 subjects
  2   # Calculate your average grade and print grade from A-E.
  3
  4   grade_A = 90
  5   grade_B = 80
  6   grade_C = 70
  7   grade_D = 60
  8   grade_E = 'Failed'
  9
 10
 11   subjetc1 = 75
 12   subject2 = 10
 13   subject3 = 30
 14   subject4 = 40
 15   subject5 = 20
 16
 17   sum = subjetc1 + subject2 + subject3 + subject4 + subject5
 18   number_subject = 5
 19
 20   average = sum / number_subject
 21
```

```python
 19
 20   average = sum / number_subject
 21
 22   print(sum)
 23   print(f'the average of this student is {average}')
 24
 25   if average > 90 and average != [80, 70, 60]:
 26       print('PASSED')
 27
 28   elif average < 60 :
 29       print('FAILLED')
 30
 31
 32
 33
```

```
PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> python .\grade-calculator.py
175
the average of this student is 35.0
FAILLED
PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> []
```