

EXPERINMENT-02

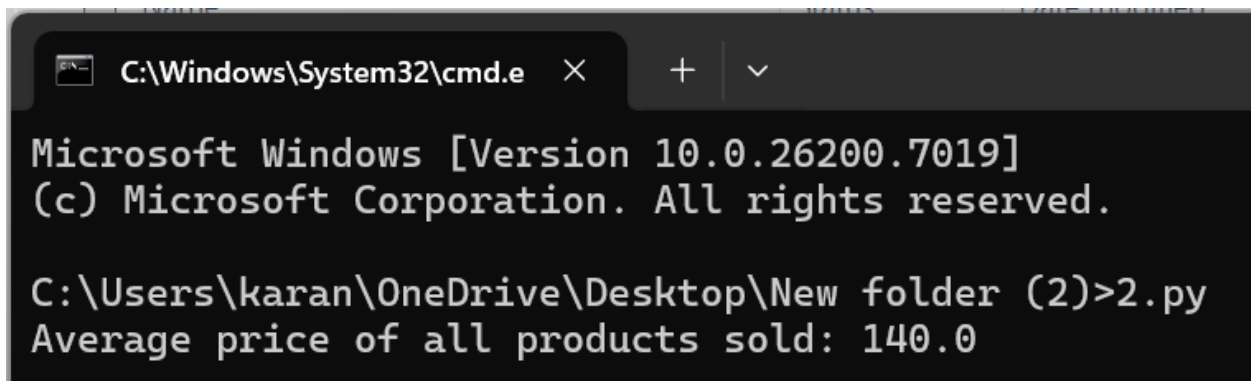
2. **Scenario:** You are a data analyst working for a company that sells products online. You have been tasked with analyzing the sales data for the past month. The data is stored in a NumPy array.

Question: How would you find the average price of all the products sold in the past month? Assume 3x3 matrix with each row representing the sales for a different product

Code:

```
import numpy as np
sales = np.array([
    [120, 130, 125],
    [110, 140, 135],
    [150, 160, 155]
])
avg_price = np.mean(sales)
print("Average Price:", avg_price)
```

Output:

A screenshot of a Windows Command Prompt window. The title bar shows the path 'C:\Windows\System32\cmd.e' and standard window controls. The command prompt displays the Microsoft Windows version '10.0.26200.7019' and copyright information. The user has navigated to the directory 'C:\Users\karan\OneDrive\Desktop\New folder (2)' and executed a command '2.py'. The output of the script is 'Average price of all products sold: 140.0'.

```
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.26200.7019]
(c) Microsoft Corporation. All rights reserved.

C:\Users\karan\OneDrive\Desktop\New folder (2)>2.py
Average price of all products sold: 140.0
```