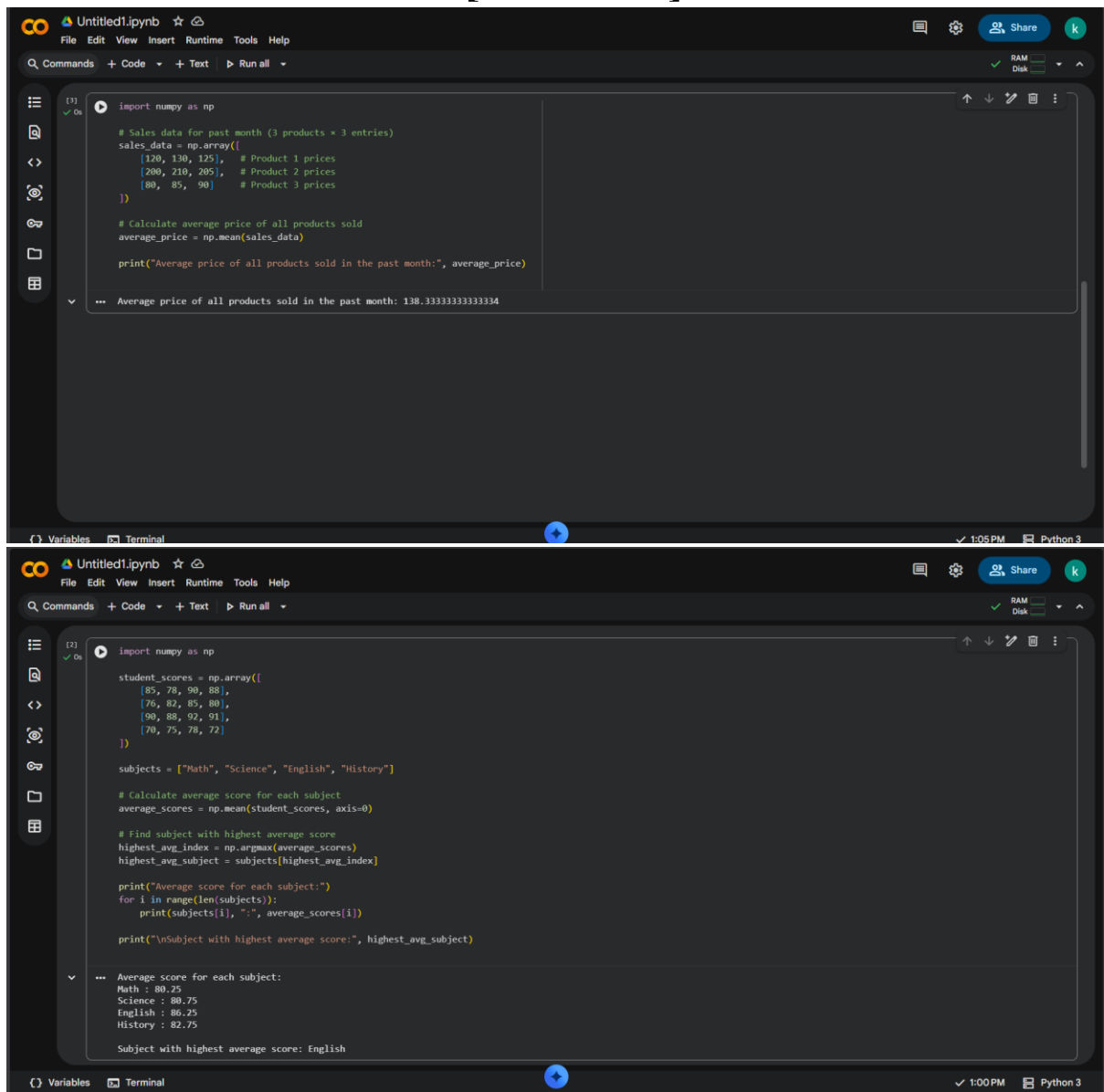


DAY – 1 : 03.02.2026 [Lab FDS]



The image displays two screenshots of a Jupyter Notebook interface, likely JupyterLab, showing Python code and its execution results.

Top Screenshot:

- Code:** The code imports NumPy as `np`. It creates a NumPy array `sales_data` representing sales data for 3 products over 3 entries. The data is as follows:

Product	Entry 1	Entry 2	Entry 3
Product 1	120	130	125
Product 2	200	210	205
Product 3	80	85	90

. The code then calculates the average price of all products sold using `np.mean(sales_data)` and prints the result.
- Output:** The output shows the average price of all products sold in the past month: 138.33333333333334.

Bottom Screenshot:

- Code:** The code imports NumPy as `np`. It creates a NumPy array `student_scores` representing scores for 4 subjects (Math, Science, English, History) across 4 students. The data is as follows:

Student	Math	Science	English	History
Student 1	85	78	90	88
Student 2	76	82	85	80
Student 3	90	88	92	91
Student 4	70	75	78	72

. The code then calculates the average score for each subject using `np.mean(student_scores, axis=0)`. It finds the subject with the highest average score using `np.argmax(average_scores)` and prints the results.
- Output:** The output shows the average score for each subject: Math : 80.25, Science : 80.75, English : 86.25, History : 82.75. It also identifies the subject with the highest average score: English.