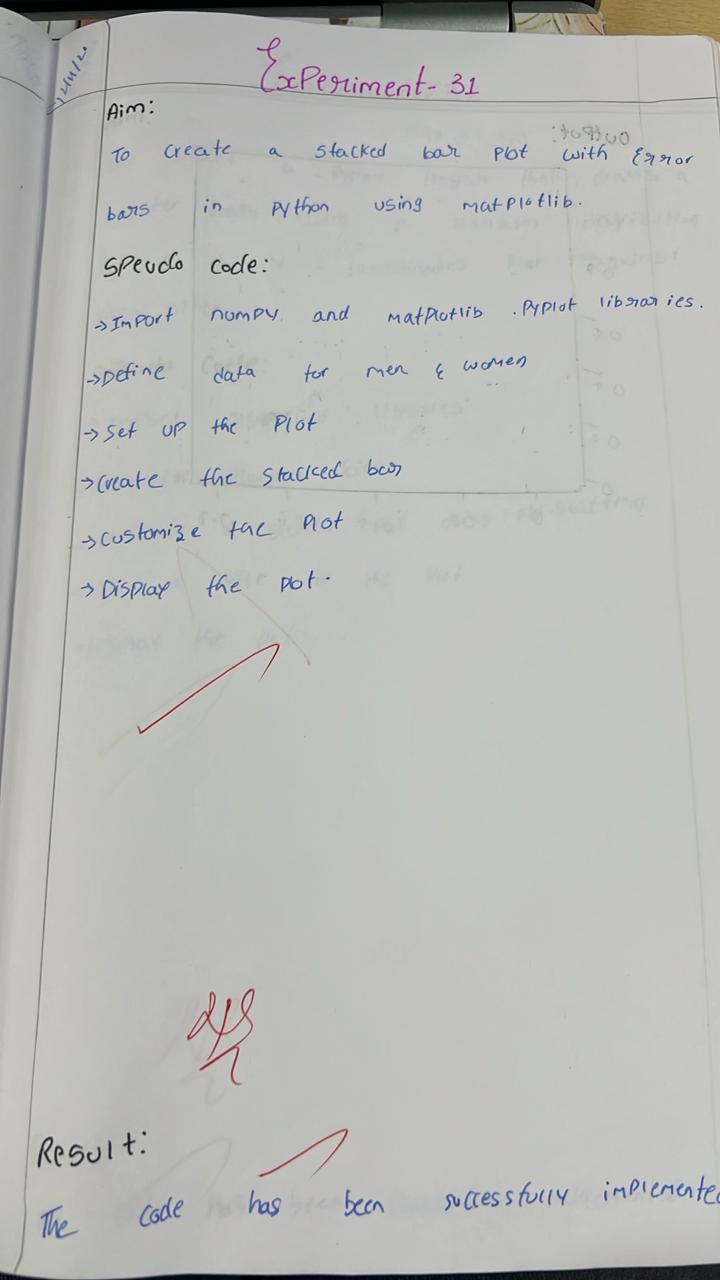
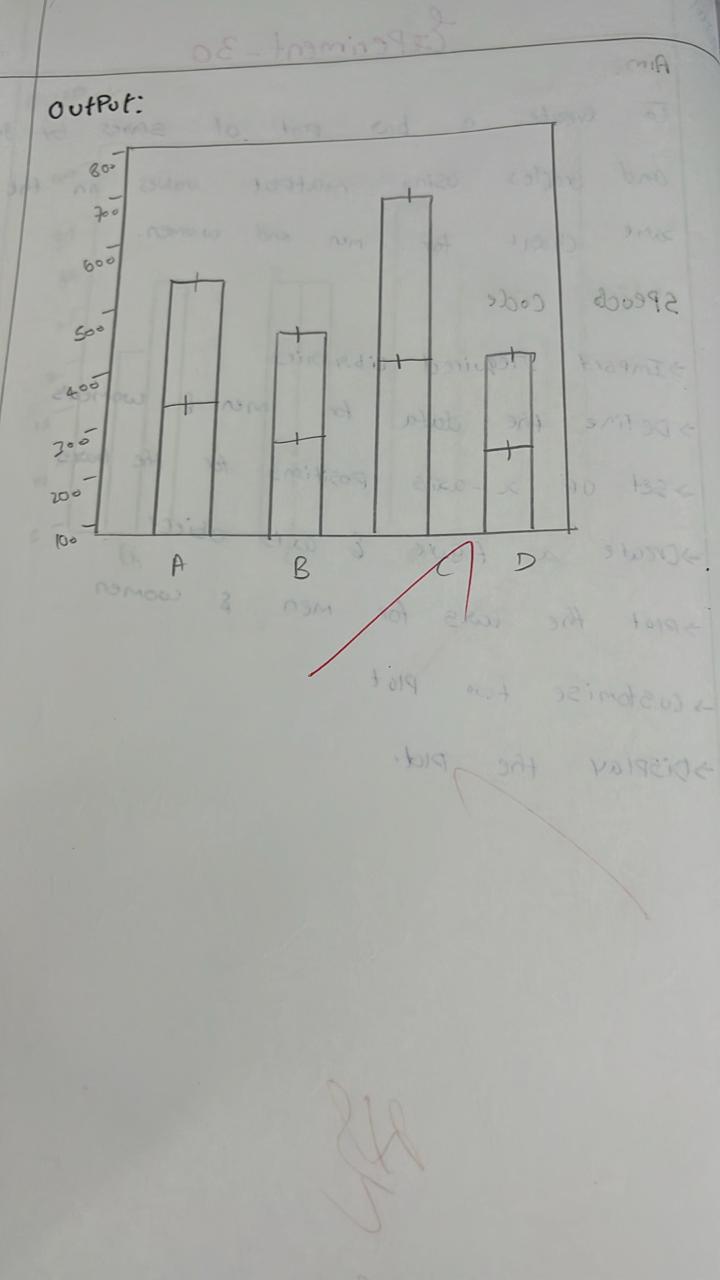
**EXPERIMENT-31  
LabBook:**

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**  
Sample code:**

import matplotlib.pyplot as plt

import numpy as np

x = np.arange(5)

men\_means = [22, 30, 35, 35, 26]

women\_means = [25, 32, 30, 35, 29]

men\_std = [4, 3, 4, 1, 5]

women\_std = [3, 5, 2, 3, 3]

plt.bar(x, men\_means, yerr=men\_std, label='Men')

plt.bar(x, women\_means, yerr=women\_std, bottom=men\_means, label='Women')

plt.legend()

plt.show()

**Sample output:**

