

### EXPERIMENT-31

Aim: To create program to create stacked bar plot with error bars.

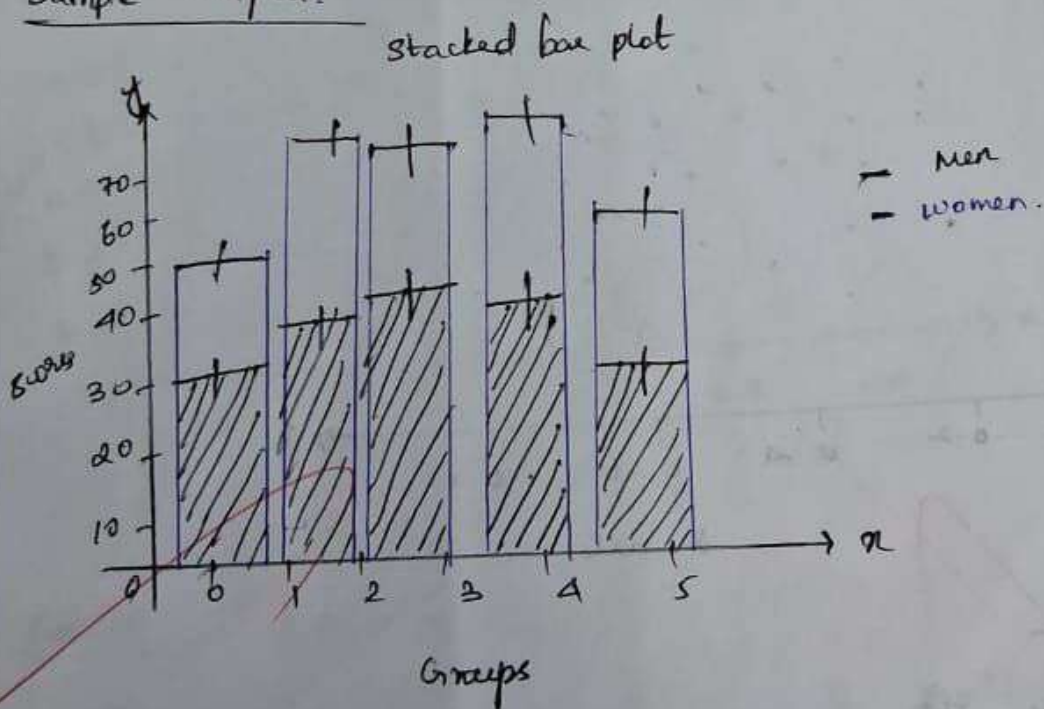
Pseudocode:

- 1) Import libraries matplotlib.pyplot, numpy
- 2) Define the means and standard deviation for both men and women.
- 3) create array of indices
- 4) create bar plot
- 5) label and display the plot.

Pseudocode Sample input:

Sample data with means of men, women, standard deviation of men, women.

Sample output:



Result:

Therefore the program to create stacked bar plot executed successfully.

