**Name of the Student: - S. Y Common Div.: -**

**Gr. No: - Roll No: - A. Y: - 2024-25 Sem:-II**

**Experiment No: 4**

**Laboratory Experiments on Data Objects and Data Visualization**

**Exercise 1:**

Consider the following data from website ESPN cricinfo live

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Matches | Innings | Highestscore | average |
| Tendulakar | 200 | 329 | 248 | 53.78 |
| Ponting | 168 | 287 | 257 | 51.85 |
| Kallis | 166 | 280 | 224 | 55.37 |
| Dravid | 164 | 286 | 270 | 52.31 |
| Cook | 161 | 291 | 294 | 45.35 |

1. What is the highest score of Tendulkar?

2. Display the name and the average of the player who is having maximum highest score

3.Display the name, matches, innings and average of the players having score above 250.

4.Find the row number of the data for which the highest score is equal or greater than 270

5. Modify Tendulkar’s number of matches as 201.

**Exercise 2:**

Import the iris dataset with read.csv command and visualise the data as per following

1. By using simple plotting commands, visualize the data using Boxplot, Scatter plot and Histogram
2. By using Package ( ggplot, ggpubr) visualize different plots.

**R Code:-**

**Exercise 1:**

**Exercise 2:**

**Conclusion: -**