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| **Name of the lab** | **AI & Ml LAB** |
| **Subject Code** | **PCCCS495** |
| **Name of the Student** | **Shagil Islam** |
| **Department** | **CSE** |
| **Year** | **2nd year** |
| **Semester** | **4th Semester** |
| **Class Roll** | **33** |
| **Section** | **A1** |
| **Enrollment No** | **12020002002051** |
| **Lab Instructor** | **Prof. Bavrabi Ghosh** |

**1.Take the iris dataset and perform the following operations  
·     Show the first 4 rows and last 6 rows of the dataset.  
·      Find out the data type of each feature of the dataset.  
·      Mention the dimension of the dataset and total number cells present in the dataset.  
·       In a summary fashion display the count, mean, standard deviation, max and min of each feature.  
·     Find the instances where missing data is there and take action to improve the dataset.  
·       Fetch the sepal width of the flowers and find mean of the same.  
·     Display only those instances which have the label as “Iris virginica”  
·     Display the instances in between the range of 50 and 60  
·     Next for the above mentioned range display only the Sepalwidth of the instances**

Ans:













