

## **Lab Exercises**

- 1. Consider the dataset *Sonar* from package **mlbench**. Calculate the coefficient of variation of variables V1 to V60 using any apply family function.
- 2. Obtain Mean 3 SD and Mean +3 SD for each element in the following list: (Output can be a list)

3. Obtain Mean and SD for each element in the following list: (Output should be matrix)

- 4. Consider the dataset *Salaries* in package **carData**. Calculate the mean of variable **salary** for each category in the variable **rank**.
- 5. Consider the dataset *Housing* from package **Ecdat.** Create two datasets out of it in such a way that only numeric remain in one dataset named *HousingNum* and categorical remain in the dataset *HousingFact*.