

## Assignment – 4.1

Q1. Create a Data Frame (DF) for the given dataset in Table 1.

Table 1. A patient dataset

| PatientID | AdmDate    | Age | Diabetes | Status    |
|-----------|------------|-----|----------|-----------|
| 1         | 10/15/2009 | 25  | Type1    | Poor      |
| 2         | 11/01/2009 | 34  | Type2    | Improved  |
| 3         | 10/21/2009 | 28  | Type1    | Excellent |
| 4         | 10/28/2009 | 52  | Type1    | Poor      |

Q2. Perform the following operation on DF.

- Extract PatientID and Age in Subset 1.
- Identify the Type1 patients from DF.
- Count the patient of Poor status.
- Print the summary of the DF.
- Find the average age of patient having Diabetes.
- Input more patient data from Keyboard.

Q3. Create a list named MyList having *title* “My First List” and *criteria having* following items:

- Age vector a = (12, 14, 16, 20)
- A two dimensional matrix with 5 rows.
- A score vector with values s = (‘First’, ‘Second’, ‘Third’)

Print *MyList*, *criteria*, and vector *a*.