

## Assignment 2

Q1. Write a menu driven program for Date in a CPP language using structure and also using class. Date is having data members day, month, year. Implement the following functions.

```
void initDate(); // to initialize the Date object with default values for data members (1,1,1900)
void printDateOnConsole();
void acceptDateFromConsole();
bool isLeapYear();
```

Q2. Write a menu driven program for Student in CPP language. Create a class student with data members roll no, name and marks. Implement the following functions

```
void initStudent(); // to initialize the student object with default values for data members (0,"",0);
void printStudentOnConsole();
void acceptStudentFromConsole();
```

Q3. Create a namespace NStudent. Create the Student class(created as per Q2) inside namespace. Create the object of student and perform accept and display student.