

Assignment 1

Q1. Write a menu driven program for Date in a C. Declare a structure Date having data members day, month, year. Implement the following functions.

```
void initDate(struct Date* ptrDate);  
void printDateOnConsole(struct Date* ptrDate);  
void acceptDateFromConsole(struct Date* ptrDate);
```

Q2. 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();  
void printDateOnConsole();  
void acceptDateFromConsole();  
bool isLeapYear();
```

Q3. 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();  
void printStudentOnConsole();  
void acceptStudentFromConsole();
```

Q4. Create a namespace NStudent. Create the Student class(created as per Q3) inside namespace. Create the object of student and perform accept and display student.