**CPP Assignment 3**

1. Write a class for Time and provide the functionality

Time()

Time(int h,int m,int s)

getHour()

getMinute()

getSeconds()

print\_date()

setHour()

setMinute()

setSeconds()

In main create array of objects of Time. Allocate the memory for the array and the object dynamically.

1. Write a Matrix class. Allocate memory dynamically in parameterized constructor. Also write paramterless constructor. Write Accept () and Print () functions. Also provide Add(), Subtract(), Multiply() and Transpose() function.
2. Create a user defined class “PasswordMismatch” , throw exception if user enters wrong password.