

Experiment - 6

1. Design and implement a class named MyDate. The class contains:

- The data fields year, month, and day that represent a date. month is 0-based, i.e., 0 is for January.
- A no-arg constructor that creates a MyDate object for the current date.
- A constructor that constructs a MyDate object with a specified elapsed time since midnight, January 1, 1970, in milliseconds.
- A constructor that constructs a MyDate object with the specified year, month, and day.
- Three getter methods for the data fields year, month, and day, respectively.
- A method named setDate(long elapsedTime) that sets a new date for the object using the elapsed time.

Write a test program that creates two MyDate objects (using new MyDate() and new MyDate (34355555133101L)) and displays their year, month, and day.

2. Write a Program to demonstrate methods available in ArrayList, LinkedList, Sets and Collections class. Show the use of Iterator and ListIterator.