**JDBC**

**Exercise 1:** *Write a menu driven program to Read, Update and Delete any record from the Element table. The table Element has following fields (Atomic weight, Name and Chemical symbol).*

**Exercise 2:** *Create a table called Account with AccNo, AccName, AccType and Balance. Now consider a transfer of money from AccNo 1 to AccNo2. Display the AccNo and Balance before the transfer and after the transfer. Try both the scenarios of transfer is successful and transfer is failure.*

**Collections & Generics**

**Exercise 3:***Create a class called CD whose attributes are Title and singer. Arrange the CDs in ascending order based on the singer name.*

**Mini Project**

*XYZ Travel Corporation plans to automate its ticket booking system. Currently XYZ*

*Travel Corporation operates in 3 routes with 3 different buses. The travel*

*manager should be able to do the following in the application.*

*1. View all buses with details*

*2. When passenger calls in to check the availability, Travel manager gets the source and*

*destination from the passenger and checks the availability of bus. If available,*

*passenger’s name and age are collected. Bus and seat number are allocated to the*

*passenger. If all the seats are allocated, passenger will not be given a ticket.*

*Travel manager should be able to view the passengers for a given bus number.*