Lab 8

# Program to illustrate method overriding

## Definitions

Overriding – When a child class and a parent class have the same method, but the method does different things, it is called method overriding. The method of the parent class can be accessed by objects of parent class, and methods of the child class are accessed by objects of the child class.

## Code

/\* Program to illustrate

   method overriding \*/

class Store {

    public Store() {

        System.out.println("Welcome to the store!");

    }

    public void Sell() {

        System.out.println("This is a general store.");

        System.out.println("It sells everything");

    }

    protected void Exit() {

        System.out.println("Thank you for visiting");

    }

}

class BookStore extends Store {

    public BookStore() {

        System.out.println("This one is a book store");

    }

    public void Sell() {

        System.out.println("It sells books and stationary");

    }

}

public class Lab8 {

    public static void main(String[] args) {

        Store S = new Store();

        S.Sell();

        S.Exit();

        System.out.println();

        BookStore BS = new BookStore();

        BS.Sell();

        BS.Exit();

        System.out.println();

    }

}

## Output

