

```

// Case Study 9.1: Tester program for TestScoresModel

public class TestModel{

    public static void main (String[] args){

        // Create and display empty model
        TestScoresModel model = new TestScoresModel();
        System.out.println(model);

        // Display size, current position, and current student
        System.out.println(model.size());
        System.out.println(model.currentPosition());
        System.out.println(model.currentStudent());

        // Add and display 3 students
        for (int i = 1; i <= 3; i++){
            Student s = new Student("S" + i);
            model.add(s);
        }
        System.out.println(model);

        // Move to first student and display it
        System.out.println(model.first());

        // Move to next and previous and display them
        System.out.println(model.next());
        System.out.println(model.previous());

        // Move to last and next and display them
        System.out.println(model.last());
        System.out.println(model.next());

        // Display size, current position, and current student
        System.out.println(model.size());
        System.out.println(model.currentPosition());
        System.out.println(model.currentStudent());

        // Replace current student and display the model
        int[] grades = {99, 88, 77};
        Student newStudent = new Student("Beth", grades);
        model.replace(newStudent);
        System.out.println(model);

        // Add more students and display results
        for (int i = 6; i <= 13; i++){
            Student s = new Student("S" + i);
            System.out.println(model.add(s));
        }
    }
}

```