```java
import java.io.*;

public class StudentResultApp
{
    static BufferedReader br;
    static ReportCard[] reports;
    static final int STUDENTS_NUM = 50;

    public static void main(String[] args) throws IOException
    {
        reports = new ReportCard[50];
        int i, k;
        String name;
        br = new BufferedReader(new InputStreamReader(System.in));

        for(i = 0; i < STUDENTS_NUM; i++)
        {
            k = 0;
            reports[i] = new ReportCard();
            System.out.println("Enter details for Student " + (i+1));
            System.out.print("Enter Name: ");
            name = br.readLine();
            reports[i].setStudentDetails(i+1, name);

            reports[i].marks[k++] = askMarksOf("English");
            reports[i].marks[k++] = askMarksOf("Hindi");
            reports[i].marks[k++] = askMarksOf("Maths");
            reports[i].marks[k++] = askMarksOf("SST");
            reports[i].marks[k++] = askMarksOf("Computer");
            reports[i].marks[k++] = askMarksOf("Science");

            reports[i].calculateTotal();
        }

        System.out.println();
        // Printing a heading
        for(k = 0; k < 80; k++)
            System.out.print("=");
        System.out.print("\n");
        System.out.printf(
            "%-5s %-10s %-3s %-5s %4s %3s %4s %3s %5s %5s %5s %6s %s\n",
            "Sl.No", "Name", "Eng", "Hindi", "Math", "SST", "Comp", "Sc.",
            "Total", "%", "Grade", "Result", "Promotion"
        );
         for(k = 0; k < 80; k++)
            System.out.print("=");
        System.out.print("\n");

        for(i = 0; i < STUDENTS_NUM; i++)
        {
```

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            reports[i].displayStudentResult();
        }
    }

    public static int askMarksOf(String subject) throws IOException
    {
        System.out.print("Enter " + subject + " Marks: ");
        return Integer.parseInt(br.readLine());
    }
}
```