```
===========Student.java============
package com.ameya.models;

public class Student {

    private int rollNo;
    private String firstName;
    private String lastName;
    private double percent;
    public Student() {}
    public Student(int rollNo, String firstName, String lastName, double percent) {
        this.rollNo = rollNo;
        this.firstName = firstName;
        this.lastName = lastName;
        this.percent = percent;
    }
    public int getRollNo() {
        return rollNo;
    }
    public void setRollNo(int rollNo) {
        this.rollNo = rollNo;
    }
    public String getFirstName() {
        return firstName;
    }
    public void setFirstName(String firstName) {
        this.firstName = firstName;
    }
    public String getLastName() {
        return lastName;
    }
    public void setLastName(String lastName) {
        this.lastName = lastName;
    }
    public double getPercent() {
        return percent;
    }
    public void setPercent(double percent) {
        this.percent = percent;
    }


}
===========StudentService.java================
package com.ameya.services;

import java.util.Scanner;

import com.ameya.models.Student;

public class StudentService {

    private Student[] students;
    public StudentService(int SIZE) {
        students=new Student[SIZE];
        System.out.println("++++ Array For "+SIZE +" students created ++++");
    }
    public void createStudents() {
        Scanner scanner=new Scanner(System.in);
        for(int indx=0;indx<students.length;indx++) {
            System.out.println("Enter RollNo :: ");
            int rollNo=Integer.parseInt(scanner.nextLine());
            System.out.println("Enter First Name :: ");
            String firstName=scanner.nextLine();
            System.out.println("Enter Last Name :: ");
            String lastName=scanner.nextLine();
            System.out.println("Enter Percent :: ");
            double percent=Double.parseDouble(scanner.nextLine());
            //student=new Student(rollNo,firstName,lastName,percent);
            Student student=new Student();
            student.setRollNo(rollNo);
            student.setFirstName(firstName);
            student.setLastName(lastName);
```

```
 74              student.setPercent(percent);
 75              students[indx]=student;
 76              System.out.println("++++ Created "+(indx+1)+" Student Object ++++");
 77          }
 78          scanner.close();
 79      }
 80      public void printStudents() {
 81          for(Student student : students) {
 82              System.out.println("ROLL NO.    :: "+student.getRollNo());
 83              System.out.println("FIRST NAME :: "+student.getFirstName());
 84              System.out.println("LAST NAME  :: "+student.getLastName());
 85              System.out.println("PERCENT     :: "+student.getPercent());
 86          }
 87          System.out.println("-------------------------------------");
 88      }
 89      public void sortStudentsOnRollNo() {
 90          for(int i=0;i<students.length;i++) {
 91              for(int j=i+1;j<students.length;j++) {
 92                  if(students[i].getRollNo()>students[j].getRollNo()) {
 93                      Student temp=students[i];
 94                      students[i]=students[j];
 95                      students[j]=temp;
 96                  }
 97              }
 98          }
 99      }
100  }
101  ================TestStudentArray.java=================
102  package com.ameya.test;
103
104  import com.ameya.services.StudentService;
105
106  public class TestStudentArray {
107
108      public static void main(String[] args) {
109          System.out.println("Enter the number of students ");
110          Scanner scanner=new Scanner(System.in);
111          int SIZE=Integer.parseInt(scanner.nextLine());
112          StudentService studentService=new StudentService(SIZE);
113          studentService.createStudents();
114          studentService.printStudents();
115          studentService.sortStudentsOnRollNo();
116          studentService.printStudents();
117          scanner.close();
118
119      }
120
121  }
122
```