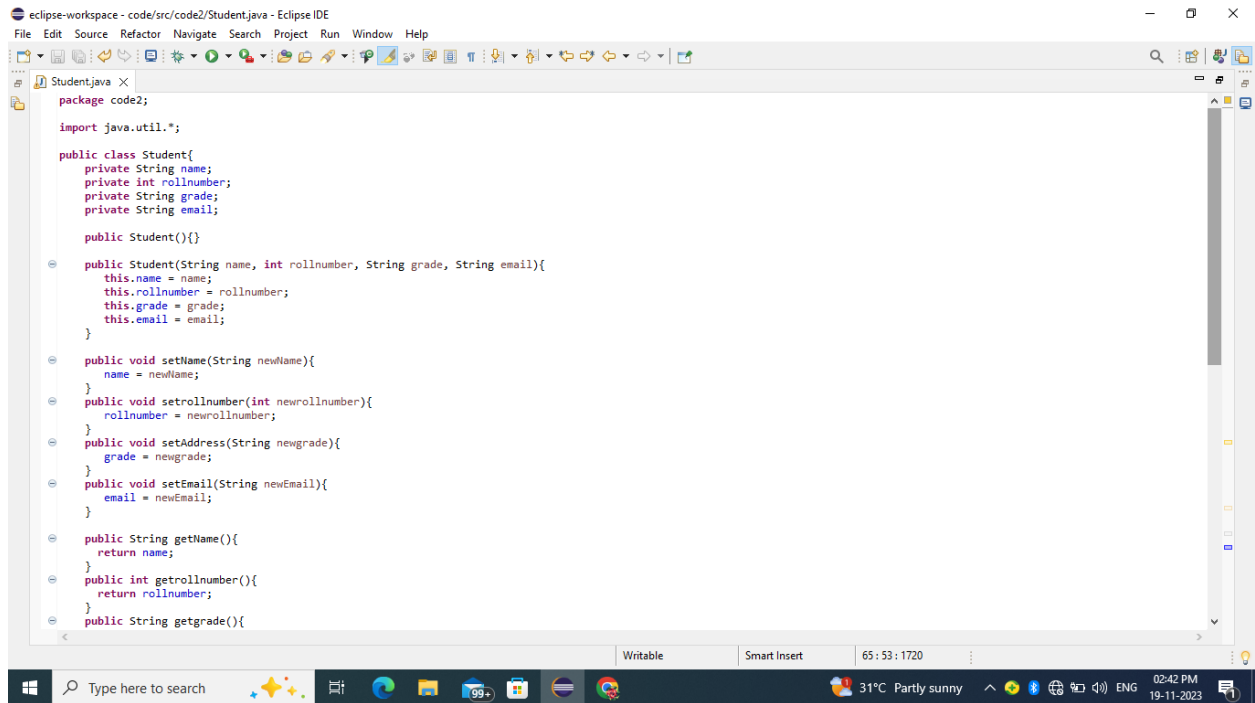


TASK-3

Student Management System

Program:



```
package code2;

import java.util.*;

public class Student{
    private String name;
    private int rollnumber;
    private String grade;
    private String email;

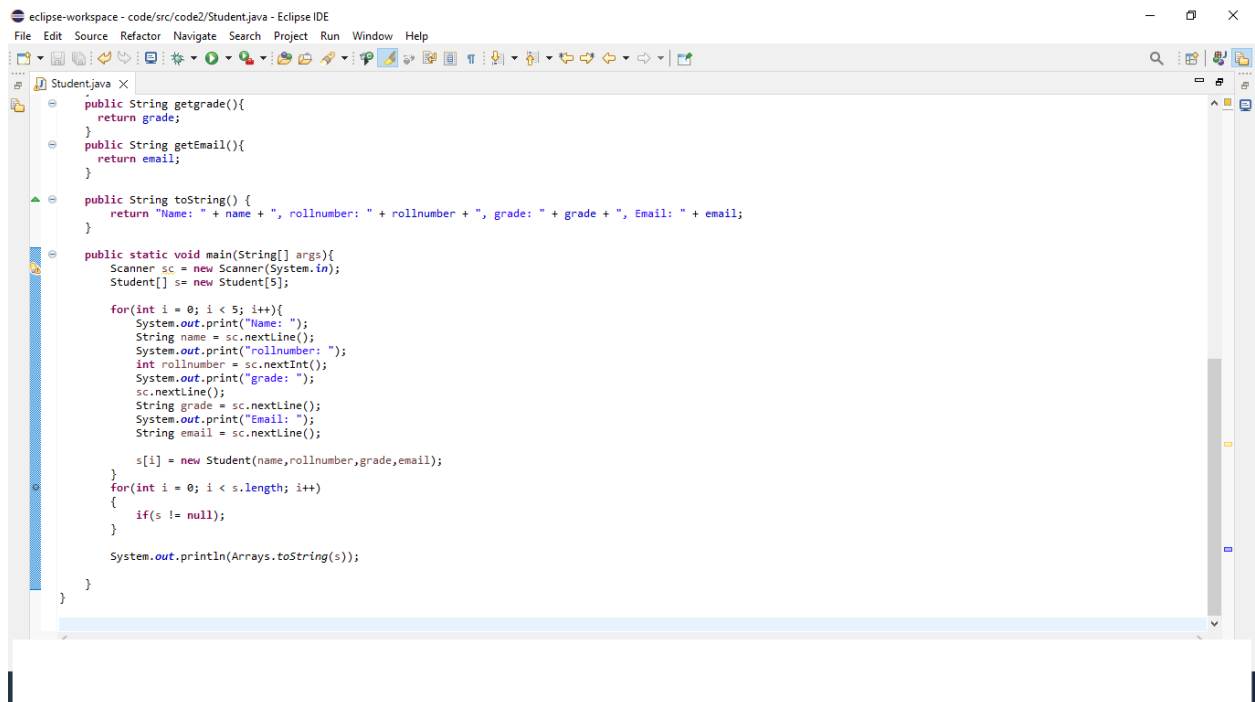
    public Student(){

    }

    public Student(String name, int rollnumber, String grade, String email){
        this.name = name;
        this.rollnumber = rollnumber;
        this.grade = grade;
        this.email = email;
    }

    public void setName(String newName){
        name = newName;
    }
    public void setrollnumber(int newrollnumber){
        rollnumber = newrollnumber;
    }
    public void setAddress(String newgrade){
        grade = newgrade;
    }
    public void setEmail(String newEmail){
        email = newEmail;
    }

    public String getName(){
        return name;
    }
    public int getrollnumber(){
        return rollnumber;
    }
    public String getgrade(){
```



```
    public String getgrade(){
        return grade;
    }
    public String getEmail(){
        return email;
    }

    public String toString() {
        return "Name: " + name + ", rollnumber: " + rollnumber + ", grade: " + grade + ", Email: " + email;
    }

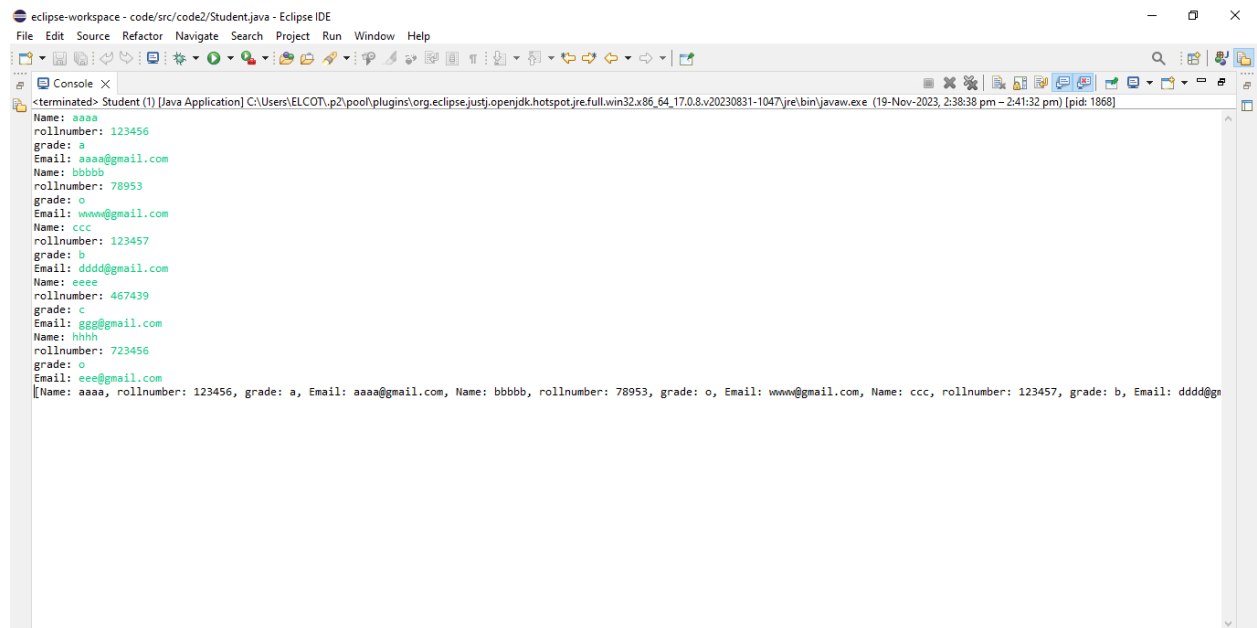
    public static void main(String[] args){
        Scanner sc = new Scanner(System.in);
        Student[] s = new Student[5];

        for(int i = 0; i < 5; i++){
            System.out.print("Name: ");
            String name = sc.nextLine();
            System.out.print("rollnumber: ");
            int rollnumber = sc.nextInt();
            System.out.print("grade: ");
            sc.nextLine();
            String grade = sc.nextLine();
            System.out.print("Email: ");
            String email = sc.nextLine();

            s[i] = new Student(name,rollnumber,grade,email);
        }
        for(int i = 0; i < s.length; i++)
        {
            if(s != null);
        }

        System.out.println(Arrays.toString(s));
    }
}
```

Output



The screenshot shows the Eclipse IDE interface with the console window open. The console displays the output of a Java application. The output consists of several lines of text, each representing a student's data. The data is as follows:

Name	rollnumber	grade	Email
aaaa	123456	a	aaaa@gmail.com
bbbb	78953	o	www@gmail.com
ccc	123457	b	ddd@gmail.com
eee	467439	c	ggg@gmail.com
hhh	723456	o	eee@gmail.com

The console also shows a summary line at the bottom: [Name: aaaa, rollnumber: 123456, grade: a, Email: aaaa@gmail.com, Name: bbbb, rollnumber: 78953, grade: o, Email: www@gmail.com, Name: ccc, rollnumber: 123457, grade: b, Email: dddd@ge

t: