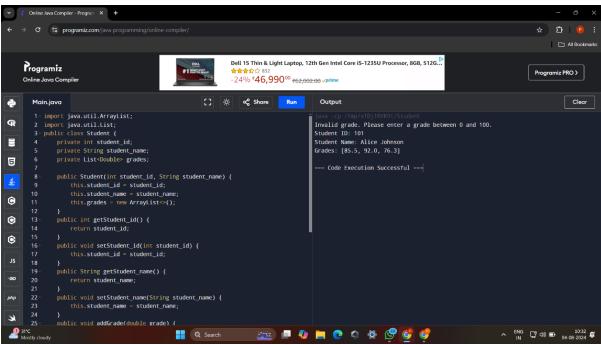
```
1. import java.util.ArrayList;
import java.util.List;
public class Student {
  private int student_id;
  private String student_name;
  private List<Double> grades;
  public Student(int student_id, String student_name) {
    this.student_id = student_id;
    this.student_name = student_name;
    this.grades = new ArrayList<>();
  }
  public int getStudent_id() {
    return student_id;
  }
  public void setStudent_id(int student_id) {
    this.student_id = student_id;
  }
  public String getStudent_name() {
    return student_name;
  }
  public void setStudent_name(String student_name) {
    this.student_name = student_name;
  }
  public void addGrade(double grade) {
    if (grade >= 0.0 && grade <= 100.0) {
      grades.add(grade);
    } else {
      System.out.println("Invalid grade. Please enter a grade between 0 and 100.");
    }
  }
```

```
public List<Double> getGrades() {
  return new ArrayList<>(grades);
}
public void displayStudentInfo() {
  System.out.println("Student ID: " + student_id);
  System.out.println("Student Name: " + student_name);
  System.out.println("Grades: " + grades);
}
public static void main(String[] args) {
  Student student = new Student(1, "Alice");
  student.setStudent_id(101);
  student_setStudent_name("Alice Johnson");
  student.addGrade(85.5);
  student.addGrade(92.0);
  student.addGrade(76.3);
  student.addGrade(150.0);
  student.displayStudentInfo();
}}
```



```
2. import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.BufferedReader;
import java.io.IOException;
public class Main {
  public static void readFile(String fileName) throws FileNotFoundException {
    File file = new File(fileName);
    if (!file.exists()) {
      throw new FileNotFoundException("File not found: " + fileName);
    } else {
      try (BufferedReader br = new BufferedReader(new FileReader(file))) {
         String line;
         while ((line = br.readLine()) != null) {
           System.out.println(line);
        }
      } catch (IOException e) {
         System.out.println("An error occurred while reading the file: " + e.getMessage());
      }
    }
  }
  public static void main(String[] args) {
    String fileName = "test.txt";
    try {
      readFile(fileName);
    } catch (FileNotFoundException e) {
      System.out.println("Exception: " + e.getMessage());
    }
```

}

}