```
import java.util.ArrayList;
import java.util.Scanner;
// Class to store student information
class Student {
  private int id;
  private String name;
  private int grade;
  public Student(int id, String name, int grade) {
    this.id = id;
    this.name = name:
    this.grade = grade;
  }
  public void displayInfo() {
    System.out.println("ID : " + id);
    System.out.println("Name: " + name);
    System.out.println("Grade: " + grade);
  }
}
// Class to manage student operations
class StudentManager {
  private ArrayList<Student> students = new ArrayList<>();
  public void addStudent(int id, String name, int grade) {
    if (grade < 0 | | grade > 100) {
      System.out.println("Grade must be between 0 and 100.");
      return;
    }
    Student s = new Student(id, name, grade);
    students.add(s);
    System.out.println("✓ Student added successfully.\n");
  }
  public void viewAllStudents() {
    if (students.isEmpty()) {
       System.out.println("\(\triangle \) No students found.\n");
    } else {
      System.out.println("---- Student List ----");
      for (Student s: students) {
         s.displayInfo();
```

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System.out.println("-----");
      }
    }
  }
}
// Main class
public class SchoolManagementSystem {
  public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    StudentManager manager = new StudentManager();
    int choice;
    do {
      System.out.println("====== School Management System ======");
      System.out.println("1. Add Student");
      System.out.println("2. View All Students");
      System.out.println("3. Exit");
      System.out.print("Enter your choice: ");
      try {
        choice = Integer.parseInt(sc.nextLine());
        switch (choice) {
          case 1:
            System.out.print("Enter Student ID: ");
            int id = Integer.parseInt(sc.nextLine());
             System.out.print("Enter Student Name: ");
             String name = sc.nextLine();
            System.out.print("Enter Grade (0-100): ");
            int grade = Integer.parseInt(sc.nextLine());
            manager.addStudent(id, name, grade);
            break;
          case 2:
            manager.viewAllStudents();
            break;
          case 3:
            System.out.println("✓ Thank you for using the system. Goodbye!");
            break;
```

}