**Student List Management using ArrayList and Static Block**

**Objective:**

Practice how to:

* Create and use ArrayList
* Define and use a custom Student class
* Initialize dummy data using a static block
* Perform basic CRUD-like operations without user input

**Instructions:**

**1. Create a class Student with the following:**

* Fields:
  + int id
  + String name
  + double marks
* Constructor to initialize all fields
* toString() method to return a string representation of student details

**2. In another class (e.g., StudentManager):**

* Declare a static ArrayList<Student> named students
* In a static block, add at least 5 dummy Student objects with varying marks

**3. Implement the following static methods:**

a. displayAllStudents() – prints all students  
b. searchStudentById(int id) – prints student if found  
c. deleteStudentById(int id) – removes a student from the list  
d. updateStudentMarks(int id, double newMarks) – updates marks  
e. displayTopStudents() – display students with marks > 75

**Sample Dummy Data in Static Block:**

* ID: 101, Name: Alice, Marks: 82.5
* ID: 102, Name: Bob, Marks: 67.0
* ID: 103, Name: Charlie, Marks: 90.2
* ID: 104, Name: Diana, Marks: 55.4
* ID: 105, Name: Ethan, Marks: 78.8

**Sample Flow (Simulated via method calls):**

In the main method:

* Call displayAllStudents()
* Call searchStudentById(103)
* Call updateStudentMarks(104, 72.5)
* Call deleteStudentById(102)
* Call displayTopStudents()

**Expected Learning Outcome:**

After completing this exercise, you will:

* Understand how to manipulate lists of objects using ArrayList
* Be comfortable using static initialization and method-based access
* Practice core Java OOP and collection concepts without external input handling