

## Assignment(8&9)

### Students management Class

Create a basic system to manage student grades for a university course. The system should handle student information and allow for adding, searching, and displaying grades.

#### 1. Student Class:

- Create a class named Student with the following attributes:
  - **String name** (student's name)
  - **int id** (student's ID number)
  - **double[] grades** (array to store up to 5 grades)
- Methods:
  1. Constructor to initialize **name**, **id**, and an empty grades array.
  2. Method to add grades: Overload the **addGrade()** method to allow adding grades in two ways:
    - **addGrade(double grade)** – adds a single grade.
    - **addGrade(double[] grades)** – adds multiple grades at once.
  3. Method to display student information: **displayInfo()** – prints the student's name, ID, and grades.