



كلية تكنولوجيا الصناعة والطاقة

Information Technology
Department
2nd Year



جامعة برج العرب التكنولوجية
BORG AL ARAB TECHNOLOGICAL UNIVERSITY
جامعة برج العرب
التكنولوجية

Course: Semester:2 nd term 2025/2026	Lecturers: Dr. Radwa Rady Dr. Ghada Fathy
Java Programming Assignment 2	

Write a **Java program for a simple Student Grades System.**

The program should do the following:

1. Create an **array** to store the grades of **5 students**.
2. Use a **loop** to allow the user to enter the grades.
3. Create the following **methods**:

➤ **CalculateAverage()**

- Takes the **array of grades as a parameter**.
- Returns the **average grade**.

➤ **findMax()**

- Takes the **array as a parameter**.
- Returns the **highest grade**.

➤ **printGrades()**

- Takes the **array as a parameter**.
- Uses a **loop** to print all grades.

4. In the **main()** method:

- Call the methods.
- Print:
 - All student grades
 - The average grade
 - The highest grade.



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Example Output

Enter grade for student 1: 70
Enter grade for student 2: 85
Enter grade for student 3: 90
Enter grade for student 4: 60
Enter grade for student 5: 75

Student Grades:

70
85
90
60
75

Average Grade = 76

Highest Grade = 90

- File name: Assignment2_your_name.pdf file contains snapshot from your IDE (code and Output)
- The program should compile and run without errors.
- Submit your file before the deadline.