



Assignment #01

Advance Programming Language

Year 2025

Faculty Of Computing

Wajahat Ali Khan | 55431
Section: BSCS 5-1

Welcome to Student Grade Management System

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 1

Enter Roll No: 55431

Enter Name: Wajahat Ali Khan

Enter Marks in Subject 1: 88

Enter Marks in Subject 2: 67

Enter Marks in Subject 3: 92

Student added successfully!

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 2

Enter Roll No to update: 55431

Enter new marks for Subject 1: 88

Enter new marks for Subject 2: 72

Enter new marks for Subject 3: 93

Marks updated successfully!

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 3

Enter Roll No to remove: 55431

Student removed successfully!

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 4

| Roll No | Name | Sub1 | Sub2 | Sub3 | Total | Average |
|---------|--------|------|------|------|-------|---------|
| 5533 | Sartaj | 55 | 67 | 52 | 174 | 58.00 |
| 44321 | Ahmad | 87 | 67 | 66 | 220 | 73.33 |
| 55331 | Abbas | 91 | 69 | 71 | 231 | 77.00 |

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 5

Enter Roll No to search: 44321

Roll No: 44321 | Name: Ahmad | Marks: 87, 67, 66 | Total: 220 | Average: 73.33

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 6

Highest Scorer:

Abbas (Roll No: 55331) with Total: 231 and Average: 77.00

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 7

Class Average: 69.44

Menu:

1. Add Student
2. Update Marks
3. Remove Student
4. View All Students
5. Search Student
6. Highest Scorer
7. Class Average
8. Exit

Choose an option: 8

Exiting Program...

Total Students: 3

Class Average: 69.44

Goodbye!