--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 1

Enter Student ID: 501

Enter Student Name: thoufiq

Enter Student Marks: 99

Student added successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 1

Enter Student ID: 509

Enter Student Name: pavan sai

Enter Student Marks: 86

Student added successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 1

Enter Student ID: 504

Enter Student Name: mokheem

Enter Student Marks: 79

Student added successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 1

Enter Student ID: 502

Enter Student Name: raju

Enter Student Marks: 67

Student added successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 1

Enter Student ID: 506

Enter Student Name: nikhil

Enter Student Marks: 85

Student added successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 2

--- Student Records ---

ID: 501, Name: thoufiq, Marks: 99

ID: 509, Name: pavan sai, Marks: 86

ID: 504, Name: mokheem, Marks: 79

ID: 502, Name: raju, Marks: 67

ID: 506, Name: nikhil, Marks: 85

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 3

Enter Student ID to update: 504

Enter new Name: pavan

Enter new Marks: 86

Student details updated successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 4

Enter Student ID to delete: 509

Student deleted successfully!

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 5

Students sorted by marks in descending order.

--- Student Records ---

ID: 501, Name: thoufiq, Marks: 99

ID: 504, Name: pavan, Marks: 86

ID: 506, Name: nikhil, Marks: 85

ID: 502, Name: raju, Marks: 67

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 6

Students sorted by name in alphabetical order.

--- Student Records ---

ID: 506, Name: nikhil, Marks: 85

ID: 504, Name: pavan, Marks: 86

ID: 502, Name: raju, Marks: 67

ID: 501, Name: thoufiq, Marks: 99

--- Student Management System ---

1. Add Student

2. View All Students

3. Update Student Details

4. Delete Student

5. Sort Students by Marks

6. Sort Students by Name

7. Exit

Enter your choice: 7

Exiting the program...