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C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.26100.4349]
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C:\Users\LENOVO\OneDrive\Desktop\internship\task3AdvancedStudentManagementSystem>javac *.java
Note: StudentManager.java uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.

C:\Users\LENOVO\OneDrive\Desktop\internship\task3AdvancedStudentManagementSystem>java Main
Could not load file. Starting fresh.

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 1
Enter ID: 22134
Enter Name: ranya
Enter Age: 20
Enter Grade: 9.0
Enter Address: guntur
Student added successfully!

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 1
Enter ID: 9876
Enter Name: priya
Enter Age: 19
Enter Grade: 9.7
Enter Address: kadapa
Student added successfully!

Student Management System
```

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C:\Windows\System32\cmd.exe

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 2
Enter ID to remove: 9876
Student removed.

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 3
Enter ID to update: 22134
Enter New Name: jaya
Enter New Age: 21
Enter New Grade: 8.1
Enter New Address: guntur
Student updated.

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 4
Enter ID to search: 22131
Not found.

Student Management System
1. Add Student
2. Remove Student
```

```
Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 4
Enter ID to search: 22134
Student{ID=22134, Name='jaya', Age=21, Grade='8.1', Address='guntur'}

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 5
Student{ID=22134, Name='jaya', Age=21, Grade='8.1', Address='guntur'}

Student Management System
1. Add Student
2. Remove Student
3. Update Student
4. Search Student
5. Display All Students
6. Exit
Enter your choice: 6
Data saved to file.
Exiting...

C:\Users\LENOVO\OneDrive\Desktop\internship\task3AdvancedStudentManagementSystem>
```