Player Management System :

Problem Statement:

A Player Management System is required to efficiently organize and manage information about cricket players. The system should support various operations, including adding, removing, searching, updating, displaying all player records, and showcasing the top 3 players based on runs and wickets. The system should handle player attributes, including Jersey Number, Name, Runs, Wickets, and Matches played.

Key Requirements:

- Add Player: The system should allow for the addition of new players with their respective attributes, including Jersey Number, Player Name, Runs, Wickets, and Matches played.
- Remove Player: Users should be able to remove players from the system, ensuring that associated data is deleted while preserving data integrity.
- Search Player: The system should facilitate player retrieval by both Jersey Number and Player Name, enabling users to quickly access player details.
- Update Player Data: Users must have the ability to update a player's Runs, Wickets, and Matches played, providing a means for keeping player information accurate and up-to-date.
- Display Sorted Players: The system should provide a feature to display the sorted player information based on minimum/maximum runs and minimum/maximum wickets, allowing users to see the leading performers in the team.
- Display All Players: The system should offer the option to display details of all the players in the database, enabling users to access the complete list of players.