# Case Study

**Purpose:** The program manages and compares scores for two sports teams by using player and Team classes.

**Classes:**

1. **player Class:**
   - **Data Members:** string name, int score.
   - **Functions:**
     - set_player(name, score): Sets player details.
     - display(): Shows player details.
2. **Team Class:**
   - **Data Members:** player players[3], int sum.
   - **Functions:**
     - set_player(): Inputs and sets details for 3 players.
     - display(): Shows details of all players.
     - add_score(): Calculates and displays the total team score.
   - **Friend Function:**
     - comp_score(Team T1, Team T2): Compares scores of two teams.

**Program Flow:**

1. **Input:** Enter names and scores for 3 players for each team.
2. **Display:** Shows player details and total scores for each team.
3. **Compare:** Determines which team has a higher total score and announces the winner.