In this problem, we will deal with a cricket team. A team member can be identified with the following pieces of information: name (string data), quality (batsman, bowler, all_rounder), and jersey number (integer).

a) We should have a **class** that would address associated members to solve this problem **(Mark 10)**.
b) We should have a **function** that adds a new player to the team with his associated information **(Mark 20)**.
c) We are going to construct teams for 7 days denoting, 7 team formations. We should have a **method** that would take the day number (1st day, 2nd day, ...) and the player's jersey number to include him/her in a particular day's formation. (**Mark 30**).
d) Finally, we should have another **method** that would take a parameter denoting the day number on which we are going to print the information. In the printing, we would expect to see all the players of that particular day's formation: their names, jersey numbers, and attributes. We would also expect statistics denoting the total number of batsmen, bowlers, and all_rounders in that particular day's formation in a summarized manner **(Mark 40)**.