import org.junit.Test;  
import static org.junit.Assert.\*;  
import com.fasterxml.jackson.databind.ObjectMapper;  
import java.io.File;  
public class RCBTeamTests {  
    private Team team;  
    @Before  
    public void setup() throws IOException {  
        // Deserialize JSON and set team object  
        ObjectMapper mapper = new ObjectMapper();  
        team = mapper.readValue(new File("Team RCB.json"), Team RCB.class);  
    }  
    @Test  
    public void testForeignPlayerCount() {  
        // Counting the number of foreign players  
        int foreignPlayerCount = 0;  
        for (Player player : team.getPlayers()) {  
            if (!player.getNationality().equals("Indian")) {  
                foreignPlayerCount++;  
            }  
        }  
        // Assert that the number of foreign players is 11  
        assertEquals(11, foreignPlayerCount);  
    }  
    @Test  
    public void testWicketKeeperPresence() {  
        // Check if there is at least one wicket keeper  
        boolean wicketKeeperPresent = false;  
        for (Player player : team.getPlayers()) {  
            if (player.getPosition().equals("Wicket Keeper")) {  
                wicketKeeperPresent = true;  
                break;  
            }  
        }  
        // Assert that there is at least one wicket keeper  
        assertTrue(wicketKeeperPresent);  
    }  
}