

1. Cricketer

Attribute	Type	Description
name	String	Name of the cricketer.
age	Integer	Age of the cricketer.
team	String	Name of the team.
matches	Integer	Total matches played.

Method	Description
Constructors	Cricketer(), Cricketer(name, age, team, matches)
setterMethods	Implement setter methods for all attributes (e.g., setName, setAge.....)
getterMethods	Implement getter methods for all attributes (e.g., getName, getAge.....)
displayDetails()	Displays all details of the cricketer.

2. Batsman

Attribute	Type	Description
totalRuns	Integer	Total runs scored.
innings	Integer	Number of innings played.
notOuts	Integer	Number of not-out innings.

Method	Description
Constructors	Batsman(), Batsman(name, age, team, matches, totalRuns, innings, notOuts)
setterMethods	Implement setter methods for all attributes (e.g., setTotalRuns, setInnnngs.....)
getterMethods	Implement getter methods for all attributes (e.g., getTotalRuns, getInnnings.....)
avgRun()	Calculates and returns batting average (). Batting Average = Total Runs/ (Innings-Not Outs)
displayDetails()	Displays all cricketer and batsman details.

3. Bowler

Attribute	Type	Description
totalWkts	Integer	Total wickets taken.
ballsBowled	Integer	Total balls bowled.
runsConceded	Integer	Total runs conceded.

Method	Description
Constructors	Bowler(), Bowler(name, age, team, matches, totalWkts, ballsBowled, runsConceded)
setterMethods	Implement setter methods for all attributes (e.g., setTotalWkts, setBallsBowled.....)
getterMethods	Implement getter methods for all attributes (e.g., getTotalWkts, getBallsBowled.....)

avgWkt()	Calculates and returns bowling average. Average Wickets per Match= Total Wickets Taken/Total Matches Played
economyRate()	Calculates and returns economy rate. Economy Rate= (Total Runs Conceded×6)/Balls Bowled
displayDetails()	Displays all cricketer and bowler details.

4. Start

Method	Description
main	Inside main method, create two objects of Batsman and 2 objects of Bowler class and demonstrate all the methods and constructors accordingly.