```java
import Java.util.scanner;
class player {

        Private string name;
        private int matches_played;
        private double average;

    void setdata()
    {

        scanner hh = new scanner (system.in);
        system.out.paint ("Enter the name of the player: ");
        name = hh.next();
        XX.nextline();
        system.out.paint ("Enter the number of matches played by the player: ");
        matches_played = XX.nextInt();
    }

    void setaverage (double u)
    {
        average = u;
    }
    int returnmatchesplayed ()
    {
        return matches_played;
    }
    void displayaverage ()
    {
        system.out.paintln ("The name of the student is: "+name);
        system.out.paintln ("The average of the player is: "+everage);
    }
}
```

```java
class batsman extends player {

    private int runs_scored();
    private int n;

    void set data()
    {
        setdata();
        Scanner hh = new Scanner(system.in);
        n = returnmatchesplayed();
        runs_scored = new int[n];
        system.out.println("Enter the runs scored : ");
        for (int i=0; i<n; i++)
        {
            system.out.print("Enter the runs scored in "+ (i+1)+" match
                                                              : ");
            runs_scored[i] = hh.nextInt();
        }
    }

    void calculateaverage()
    {
        double temp=0;
        for (int i=0; i<n; i++)
        {
            temp=temp+ runs_scored[i];
        }
        temp=temp/ returnmatchesplayed();
        setaverage(temp);
    }
}

class bowler extends player {
    private int runs_scored[];
    private int n;

    void settotal()
    {
        setdata();
        Scanner hh = new Scanner(system.in);
        n = returnmatches chesplayed();
        runs_scored = new int[n];
```

```java
System.out.println("Enter the runs given:");
for (int i=0; i<n; i++)
{
    System.out.print("Enter the runs given in "+(i+1)+" match:");
    runs_scored[i] = nu.nextInt();
}
}

void calculateverage()
{
    double temp=0;
    for (int i=0; i<n; i++)
    {
        temp= temp + runs_scored[i];
    }
    temp= temp / return matchplayed();
    setoverage (temp);
}
}

public class playerInher {
    public static void main (String args[]){
        int n,m;
        Scanner.out.println("Enter the number of batsmen:");
        n = nu.nextInt();
        System.out.println("Enter the number of bowlers:");
        m = nu.nextInt();
        batsmen p1[]=new batsmen[n];
        bowler p2[]= new bowler[m];
        System.out.println("Enter the details of the batmen:");
        for (int i=0; i<n; i++)
        {
            p1[i]=new batsmen();
            p1[i].setdetail();
            p1[i].calculateverage();
```

```java
}
system.out.println("Enter the details of the boolers: ");
For(int i=0; i<m; i++)
{
    P2[i]=new booler();
    P2[i].set data();
    P2[i].calculate average();
}
system.out.println("The details of the batsmen are: ");
for(int i=0; i<n; i++)
{
    P1[i].displayeverge();
}
system.out.println("The details of the booler are: ");
for(int i=0; i<m; i++)
{
    P2[i].displayeverge();
}
}
}
}
```