```
Week 7 () Willet Trung bier
umport. para ubil Scanner:
last printer " nome: + " name AJYALA dash
  Suffer . out - printing "Natches played: " + matches)
    unt matches - played;
  String name;
    double average;
    Scanner 35 = new Scanner (System.in)
    Void get Détails () square Mondres MANTINE
      System. out print ("Enter the players details");
      System out - print In ("Name: ");
       name = 55. next ();
       System. out - println (" natched played:");
       matches - played = 55. next Int();
                             act Delails ();
    double cal: avenage (string nam, int views, int
    average = (suns)/matches;
          System out printing the average owns of
    "+ nam +"us: "+average);
         networn average;
```

Void pount details () System out Privitin!" The player Details are: ")," Systm. out. Println ("Name: +" name); System.out-print/n("Matches played:"+matches System out-print In ("Average: "+areage"; layed); Louble average; Scanner 25 = now Scanner I Pusten class BATSMAN entends player a distribution unt owns - blored; Intring to mistage edouble viesuit; " sans ") softway - tug missel pame = 55. next (); Void (getrant () whom ") without - some miles () matelles - stayed = 55. next int(); get Delails (); System. out . print In ("Enter the sum Scored:"). owns - slored = 65 next (n+(); sesult = cal-average (name, suns-Scored, soult = cake mother played) + mam +"id: " + average); section overcope;

Val BOWLER extends PLAYER unt vuns - giren ; double result; Void getruns () System out print /n (Enter the siuns given: "); owns - given = ss = next/nt(); ousut = lal - average (name, gir surs - giren, matches - Flage of " altring two . makes Johnson are: ["); for (wit i = 0; 12 11) 11) Dar player main dishabitation. [1) 31 System and printh ("He The Detail of public static Vold main (String args [7) for / int i = 0; izm; itt) Janner 35 : new Planner (System . in); System out print In ("Ent, the number of spatimen El Lowders:"); for (vist ii -0', i an, i+1)

bt[i] : new Barrow bt[i]-getnurb(); BOWLER DWCJ= NEW BOWLEP[m]; for (inti=0; i Lm; i++) bw. Oi Ja new BOWLERCS; bw [i] getruns (); supert : lat - average (name 19/11 suns - Gren, Pystem out point In ("In The Details of Batiman are: [n"); for (unt i = 0; 12n; i++) bt (i) print detail (2) System.out. println ("Hr The Details of the Bowlers are: ("); blow states for (int i=0; i Lm; i++) w Eil print de la b () out physlolend. The number of & w ~ 0', i 2 m, it? /

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         ▶ Run O Debug Stop C Share
                                                                                               Language Java
                                                                                                                 v 🙃 🔅
Main.java
  1 import java.util.Scanner;
  2
  3 class PLAYER
  4 - {
          String name;
int matches_played;
  5
  6
  7
          double average;
  8
  9
          Scanner ss=new Scanner(System.in);
 10
          void getDetails()
 11
 12 -
               System.out.println("Enter the Player details: ");
System.out.println("Name: ");
 13
 14
 15
               name=ss.next();
 16
               System.out.println("Matched Played: ");
 17
               matches_played=ss.nextInt();
 18
          }
 19
```

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                                     ■ Stop
                                                                                                                          Language Java
Main.java
    21 -
                     average=(runs)/matches;
    22
    23
                      System.out.println("The average runs of "+nam+" is: "+average);
    24
                     return average;
    25
    26
                void printdetails()
     27
     28 -
                      System.out.println("The Player Details are:");
System.out.println("Name: "+name);
System.out.println("Matches Played: "+matches_played);
System.out.println("Average: "+average);
     29
     30
     31
     32
      33
      34
           }
      35
      36 class BATSMAN extends PLAYER
      37 - {
      38
                  int runs_scored;
       39
                  double result;
```

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                                                                                      Language Java
Main.java
 40
 41
         void getruns()
 42 -
 43
             getDetails();
              System.out.println("Enter the runs Scored : ");
 44
 45
             runs_scored=ss.nextInt();
 46
             result=cal_average(name, runs_scored, matches_played);
 47
 48 }
 49
 50 class BOWLER extends PLAYER
 51 - {
 52
         int runs_given;
 53
         double result;
 54
 55
         void getruns()
 56 -
 57
             getDetails();
 58
                stem.out.println("Enter the runs given : ");
```

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         ▶ Run O Debug ■ Stop
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                                                                                           Language Java
Main.java
              runs_given=ss.nextInt();
 59
 60
              result=cal_average(name, runs_given, matches_played);
 61
          }
 62 }
 63
 64 class Main
 65 - {
          public static void main(String args[])
 66
 67 -
              Scanner ss=new Scanner(System.in);
 68
 69
 70
              int n,m;
              System.out.println("Enter the number of batsman and bowlers: ");
n=ss.nextInt();
 71
 72
              m=ss.nextInt();
 73
 74
              BATSMAN bt[]=new BATSMAN[n];
 75
               System.out.println("Enter the Details of the Batsmen: ");
              for(int i=0;i<n;i++)</pre>
 76
 77 -
```

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                     O Debug Stop
                                                       H Save
                                                                                                                   Language Java
Main.java
  78
                        bt[i]=new BATSMAN();
  79
                        bt[i].getruns();
  80
                  System.out.println("Enter the Details of the Bowlers: ");
BOWLER bw[]=new BOWLER[m];
for(int i=0;i<m;i++)</pre>
  81
  82
  83
  84 -
                        bw[i]=new BOWLER();
  85
                        bw[i].getruns();
  86
 87
                  System.out.println("\n\nThe Details of the Batsman are: \n");
for(int i=0;i<n;i++)
   bt[i].printdetails();</pre>
  88
  89
  90
                  System.out.println("\n\nThe Details of the Bowlers are: \n"); for(int i=0;i<m;i++)
  91
  92
                       bw[i].printdetails();
  93
  94
  95
     }
  96
```

Enter the number of batsman and bowlers: 2
3
Enter the Details of the Batsmen:
Enter the Player details:
Name:
vamshi
Matched Played:
5
Enter the runs Scored:
200
The average runs of vamshi is: 40.0
Enter the Player details:
Name:
ram
Matched Played:
6 6 Enter the runs Scored : Enter the runs Scored:
205
The average runs of ram is: 34.0
Enter the Details of the Bowlers:
Enter the Player details:
Name:
sharat
Matched Played:
4
Enter the runs given:
60
The average runs of sharat is: 15.0
Enter the Player details:
Name:
kushil
Matched Played:
5
Enter the runs given:

input

Extensio