

PROGRAM: TWO MATCHES

CODE:

```
import java.util.*;
class Player
{
    private String name;
    private String id;
    private int n;
    private double score[];
    private double totScore = 0;
    private double average;
    Scanner in = new Scanner(System.in);
    double getDetails()
    {
        System.out.println("Enter the name of the player");
        name = in.nextLine();
        System.out.println("Enter the ID of the player");
        id = in.nextLine();
        System.out.println("Enter the no. of matches played");
        n = in.nextInt();
        score = new double[n];
        System.out.println("Enter the scores of each match");
        for(int i=0;i<n;i++)
        {
            System.out.println("Enter score of match "+(i+1));
            score[i] = in.nextDouble();
            totScore+= score[i];
        }
        average = totScore/n;
        return average;
    }
    void printDetails()
    {
        System.out.println("Details of the Player with higher average:");
        System.out.println("Name of the player:"+name);
        System.out.println("ID of the player:"+id);
        System.out.println("Average:"+average);
    }
}

class MatchMain
{
    public static void main(String args[])
    {
        double avgp1,avgp2;
        Player p1 = new Player();
        Player p2 = new Player();
        avgp1 = p1.getDetails();
        avgp2 = p2.getDetails();
        if(avgp1>avgp2)
            p1.printDetails();
        else
            p2.printDetails();
    }
}
```

```
}  
}
```

OUTPUT:

```
Enter the name of the player  
ABCD  
Enter the ID of the player  
1234  
Enter the no. of matches played  
3  
Enter the scores of each match  
Enter score of match 1  
100  
Enter score of match 2  
90  
Enter score of match 3  
50  
Enter the name of the player  
EFGH  
Enter the ID of the player  
5678  
Enter the no. of matches played  
3  
Enter the scores of each match  
Enter score of match 1  
95  
Enter score of match 2  
85  
Enter score of match 3  
45  
Details of the Player with higher average:  
Name of the player:ABCD  
ID of the player:1234  
Average:80.0  
  
-----
```