PLAYER

```
import java.util.*;

class Player
{
    int id, no_matches_played;
    int[] scores;
    String names
    Player(String na, int i, int n, int[] s)
    {
        name = na;
        id = i;
        no_matches_played = n;
        scores = s;
    }
    Player()
    {
        name = null;
        id = 0;
        no_matches_played = 0;
    }
    double avg()
    {
        int score = 0;
        for(int i=0; i<no_matches_played; i++)
            score += scores[i];
        double avg_score = (score*1.0)/no_matches_played;
        return avg_score;
    }
```

```
void display()
{
    System.out.println("Name:  "+name);
    System.out.println("I.D.:  "+id);
    System.out.println("No. of matches played: "+no_matches_played);
    System.out.println("Scores: ");
    for(int i=0;i<no_matches_played;i++)
        System.out.println(scores[i]+" ");
    }
}
class player
{
    public static void main(String[] args)
    {
        Scanner sn=new Scanner(System.in);
        System.out.println("Enter the name of player");
        String na=sn.nextLine();
        System.out.println("Enter the ID");
        int id=sn.nextInt();
        System.out.println("Enter the number of matches played");
        int n=sn.nextInt();
        System.out.println("Enter the scores");
        int[] s=new int[n];
        for(int i=0;i<n;i++){
            s[i]=sn.nextInt();
        Player p1=new Player(na,id,n,s);
        double a1=p1.avg();
        na=sn.nextLine();
        System.out.println("Enter the name of player");
        na=sn.nextLine();
        System.out.println("Enter the ID");
        id=sn.nextInt();
```

```
System.out.println("Enter the number of matches played");
n = sn.nextInt();
int[] si = new int[n];
System.out.println("Enter the scores");
for(int i=0; i<n; i++)
        si[i] = sn.nextInt();
Player p2 = new Player(na, id, n, si);
double a2 = p2.avg();
if(a1>a2)
        p1.display();
else
        p2.display();
}
}
```