

LAB 2  
Extra programs

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```
// Player
import java.util.Scanner;
class Player {
    int id;
    String name;
    int scores;
    int num-matches-played;
    int average;
```

```
double average()
{
    average = scores/num-matches-played;
    return average;
}
```

```
Player (int pid, String pname, int pscores,
int pnum-pmatches-pplayed)
{
    System.out.println ("Inside parameterized
constructor");
    id = pid;
    name = pname;
    scores = pscores;
    num-matches-played = pnum-pmatches-
pplayed;
}
```

```
void printdetails () {
```



```
System.out.println("id:" + id);
System.out.println("name:" + name);
System.out.println("score:" + scores);
System.out.println("number of matches
played:" + num-matches-played);
}
}
```

```
class Playermain
```

```
{
```

```
public static void main(String args[]) {
```

```
Player p1 = new Player(10, "Rahul", 600, 9);
```

```
System.out.println("the average of 1st
player is:" + p1.average());
```

```
Player p2 = new Player(13, "Rohit", 750, 8);
```

```
System.out.println("the average of
second player is:" + p2.average());
```

```
if (p1.average() > p2.average())
{
```

```
System.out.println("player 1 has more
average his details are");
```

```
p1.printdetails();
}
```

```
else
```

```
{
```

```
if (p2.average() > p1.average())
{
```

```
System.out.println("player 2 has more
average his details are");
```

```
p2.printdetails();
}
```

```
}
```



```
import java.util.Scanner;
```

```
class Player
```

```
{  
    int id;  
    String name;  
    int scores;  
    int no_matches_played;  
    int average;
```

```
double average()  
{  
    average = scores/no_matches_played;  
    return average;
```

```
}
```

```
Player(int pid,String pname,int pscores,int pno_pmatches_pplayed)
```

```
{  
    System.out.println("Inside parameterized constructor ");  
    id=pid;  
    name=pname;  
    scores = pscores;  
    no_matches_played=pno_pmatches_pplayed;
```

```
}
```

```
void printdetails(){  
    System.out.println("id :"+id);  
    System.out.println("name :"+name);  
    System.out.println("scores:"+scores);  
    System.out.println("number of matches played :"+no_matches_played);
```

```
}
```

```
}
```

```
}
```



```
scores = pscores;
no_matches_played=pno_pmatches_pplayed;
}
void printdetails(){
    System.out.println("id :"+id);
    System.out.println("name :"+name);
    System.out.println("scores:"+scores);
    System.out.println("number of matches played :"+no_matches_played);
}
}
class Pmain
{
    public static void main(String args[])
    {
        Player p1=new Player(10,"Rahul",600,9);

        System.out.println(" the average of 1st player is :"+p1.average());
        Player p2=new Player(13,"Rohit",750,8);
        System.out.println(" the average of 2nd player is :"+p2.average());

        {
            if(p1.average() > p2.average())
            {
                System.out.println("player 1 has more average his details are");
                p1.printdetails();
            }
            else
            if(p2.average() > p1.average())
            {
                System.out.println("player 2 has more average his details are");
                p2.printdetails();
            }
        }
    }
}
```



ideta

```
number of matches played : 8
```

```
outC:\Users\Pooja K\Desktop>
```