LAB 2 practise [I]

```java
1. import java.util.*;

class Player.
{
    int id, scroe[], nmp;
    String name;
    double sum, avg;
    Player ()
    {
        id = 0;
        nmp = 0;
        sum = 0;
        avg = 0;
        name = " ";
    }
    void accept()
    {
        Scanner sc = new Scanner (system.in);
        System.out.println("enter the number of
                            matches played:");

        nmp = sc.nextInt ();
        score = new int [nmp+1];
        System.out.println("enter id and name of the
                            Player");
        id = sc.nextInt();
        name = sc.next()
```

```java
System.out.println("Enter the scores");
for (int i = 1; i <= nmp; i++)
{
    System.out.println("enter Score obtained
in match" + i);
    score[i] = sc.nextInt();
}
}

double average()
{
    for (int i = 1; i <= nmp; i++)
        sum = sum + (double) score[i];
        avg = sum / nmp;
        return (avg);
}
void print()
{
    System.out.println("id:" + id + " name:" + name);
    System.out.printf("average Score is %.2f", avg);
    System.out.println(" ");
}

void greater()
{
    System.out.println("/n player who scored the
        - highest is :");
```

```java
System.out.println("id" + id + " name " + name);
System.out.print("scores: ");
for (int i=1; i <= nmp; i++)
    System.out.print(score[i] + " ");
System.out.println("\n sum" + sum);
System.out.printf("average Score = %.2f"
                   ,a);
}
}

class playermain
{
    public static void main (String[] args)
    {
        double a=0.0, b=0.0;

        player p1 = new player();
        player p2 = new player();
        System.out.println(" player 1: ");
            p1.accept();
            a = p1.average();
            p1.print();
            System.out.println(" player 2: ");
            p2.accept();
            b = p2.average();
            p2.print();
        if (a>b)
            p1.greater();
```

```
else
  p2.greater();
else
    p2.greater();
}
}
```