

MovieBuff.java

```
package mve;

import java.util.HashMap;
import java.util.LinkedList;
import java.util.List;
import java.util.Map;

public class MovieBuff {
    private Map<String,List<Double>> reviews = new HashMap<String,List<Double>>();

    public void addMovie(String name,double rate){
        if (reviews.containsKey(name)) {
            reviews.get(name).add(rate);

        } else {
            List<Double> list = new LinkedList<Double> ();
            list.add(rate);
            reviews.put(name, list);
        }
    }

    public String toString() {
        for(Map.Entry<String, List<Double>> each:reviews.entrySet())
        {
            double sum=0.0;
            for(Double li: each.getValue())
                sum=sum+li;

            System.out.printf("%s : %d reviews,average rating is
%.1f/10\n",each.getKey(),each.getValue().size(),sum/each.getValue().size());
        }
        return "";
    }

}
```

## **Solution.java**

```
package mve;
```

```
import java.io.IOException;
```

```
import java.io.InputStreamReader;
```

```
import java.io.BufferedReader;
```

```
public class Solution {
```

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

```
        BufferedReader bf = new BufferedReader(new InputStreamReader(System.in));
```

```
        int n = Integer.parseInt(bf.readLine());
```

```
        MovieBuff mObj = new MovieBuff();
```

```
        for (int i = 0; i < n; i++) {
```

```
            String name = bf.readLine();
```

```
            double rate = Double.parseDouble(bf.readLine());
```

```
            mObj.addMovie(name, rate);
```

```
        }
```

```
        System.out.println(mObj);
```

```
    }
```

}