

Stamford University Bangladesh

Spring 2022

Assignment

CSI 234: Advanced Programming Sessional

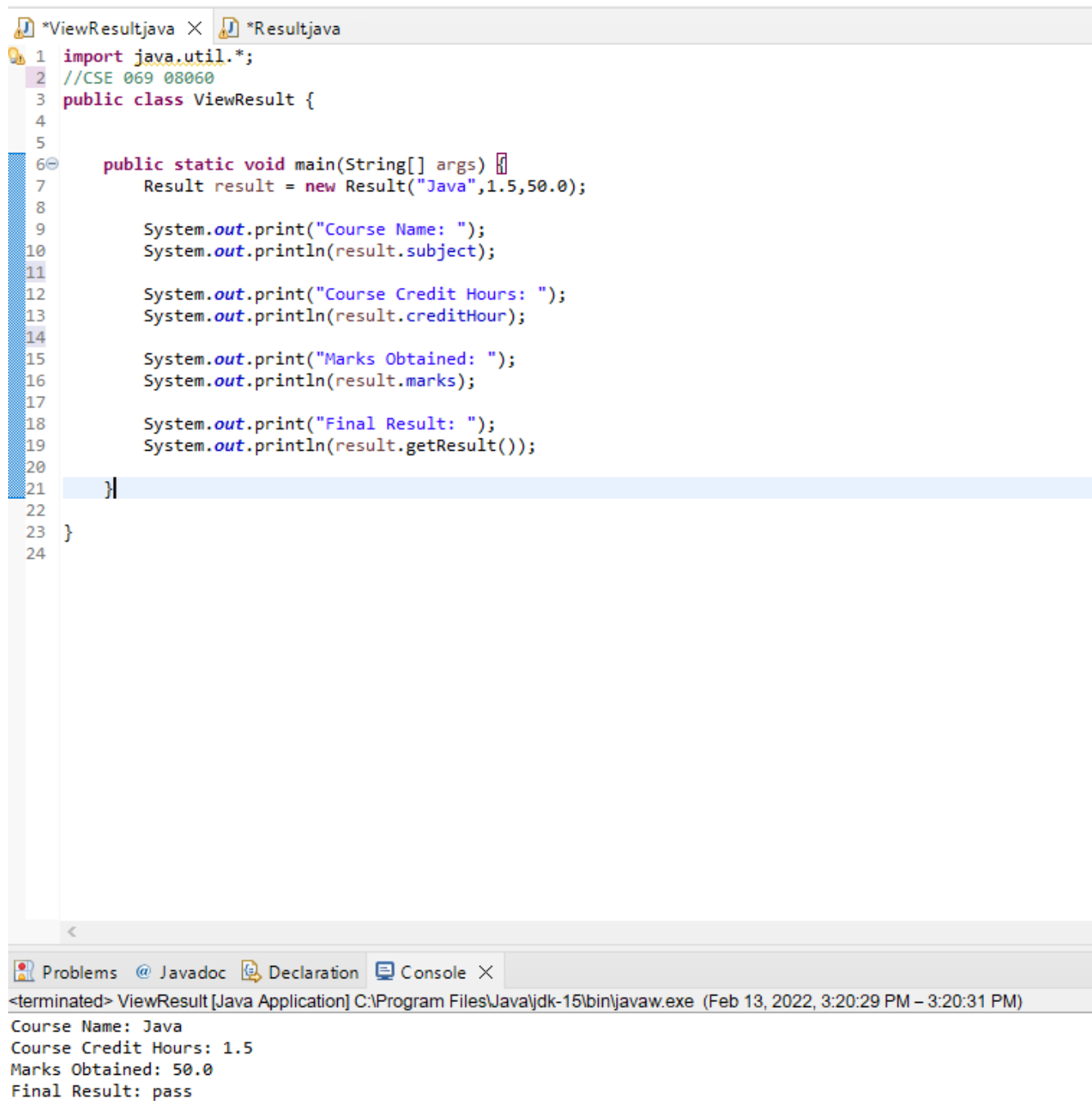
Course Teacher: Santa Maria Shithil

Name: Tasin Shahriar Chowdhury

ID: CSE 069 08060

Batch: 68(A)

```
*ViewResultjava X *Resultjava X
1 import java.util.*;
2 //CSE 069 08060
3 public class Result {
4     public String subject;
5     public Double creditHour;
6     public Double marks;
7
8     public Result(){
9         this.subject = null;
10        this.creditHour = -1.0;
11        this.marks = -1.0;
12    }
13
14    public Result(String subject, Double creditHour, Double marks) {
15        this.subject = subject;
16        this.creditHour = creditHour;
17        this.marks = marks;
18    }
19
20    public String getResult() {
21        if((this.creditHour == 1.5 || this.creditHour == 0.75) && marks < 40) {
22            return "fail";
23        }
24        else {
25            return "pass";
26        }
27    }
28
29    public static void main(String[] args) {
30
31    }
32 }
33
34
```



The screenshot shows an IDE with two tabs: `*ViewResult.java` and `*Result.java`. The `*ViewResult.java` tab is active, displaying the following code:

```
1 import java.util.*;
2 //CSE 069 08060
3 public class ViewResult {
4
5
6     public static void main(String[] args) {
7         Result result = new Result("Java",1.5,50.0);
8
9         System.out.print("Course Name: ");
10        System.out.println(result.subject);
11
12        System.out.print("Course Credit Hours: ");
13        System.out.println(result.creditHour);
14
15        System.out.print("Marks Obtained: ");
16        System.out.println(result.marks);
17
18        System.out.print("Final Result: ");
19        System.out.println(result.getResult());
20
21    }
22 }
23
24
```

The console output at the bottom shows the execution results:

```
<terminated> ViewResult [Java Application] C:\Program Files\Java\jdk-15\bin\javaw.exe (Feb 13, 2022, 3:20:29 PM – 3:20:31 PM)
Course Name: Java
Course Credit Hours: 1.5
Marks Obtained: 50.0
Final Result: pass
```