

introclassproject

module2lab1

module3nclass

Source Packages

com.mycompany.module3nclass

ParkingCharges.java

randomnum

EvenOrOdd.java

Test Packages

Dependencies

Java Dependencies

Project Files

module3lab

module3lab2

module4nclass

module4lab

Source Packages

com.mycompany.mavenproject3

Main.java

Test Packages

Dependencies

Java Dependencies

Project Files

module4lab2

module4lab3

practice

practice1

practice2

```
6 package com.mycompany.mavenproject3;
7
8 /**
9  *
10  * @author behlt
11  */
12 public class Main {
13     public static void main(String[] args) {
14         //counts array with 10 elements
15         int [] counts = new int[10];
16         for (int i = 0; i < counts.length; i++){
17             counts[i] = 0;
18         }
19
20         // bonus array with 15 elements
21         int [] bonus = new int[15];
22         for (int i = 0; i < bonus.length; i++){
23             bonus[i]++;
24         }
25
26         // best scores array
27         int[] bestScores = {100,96,90,89,87};
28
29         // Display of the five values of bestScores
30         System.out.println("Best Scores: ");
31         for(int i = 0; i < bestScores.length; i++){
32             System.out.println(bestScores[i]);
33         }
34     }
35 }
36
```

Output - Run (module4lab)

--- exec-maven-plugin:3.0.0:exec (default-cli) @ module4lab ---

Best Scores:

100

96

90

89

87

BUILD SUCCESS

module2lab1

module3nclass

Source Packages

com.mycompany.module3nclass

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Test Packages

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Java Dependencies

Project Files

module3lab

module3lab2

module4nclass

module4lab

module4lab2

Source Packages

<default package>

VariableLength.java

com.mycompany.module4lab2

Test Packages

Dependencies

Java Dependencies

Project Files

module4lab3

practice

practice1

practice2

```
7 /**
8  *
9  * @author behlt
10  */
11 public class VariableLength {
12     public static int product(int... numbers){
13         int result = 1;
14         for(int num : numbers){
15             result *= num;
16         }
17         return result;
18     }
19
20
21
22     public static void main(String[] args) {
23         int[] nums1 = {2,3,4};
24         int[] nums2 = {1,5,7,10};
25         int[] nums3 = {2};
26
27
28         System.out.println("Product of nums1: " + product(nums1));
29         System.out.println("Product of nums2: " + product(nums2));
30         System.out.println("Product of nums3: " + product(nums3));
31     }
32 }
33
34
```

Input - Run (module4lab2)

--- exec-maven-plugin:3.0.0:exec (default-cli) @ module4lab2 ---

Product of nums1: 24

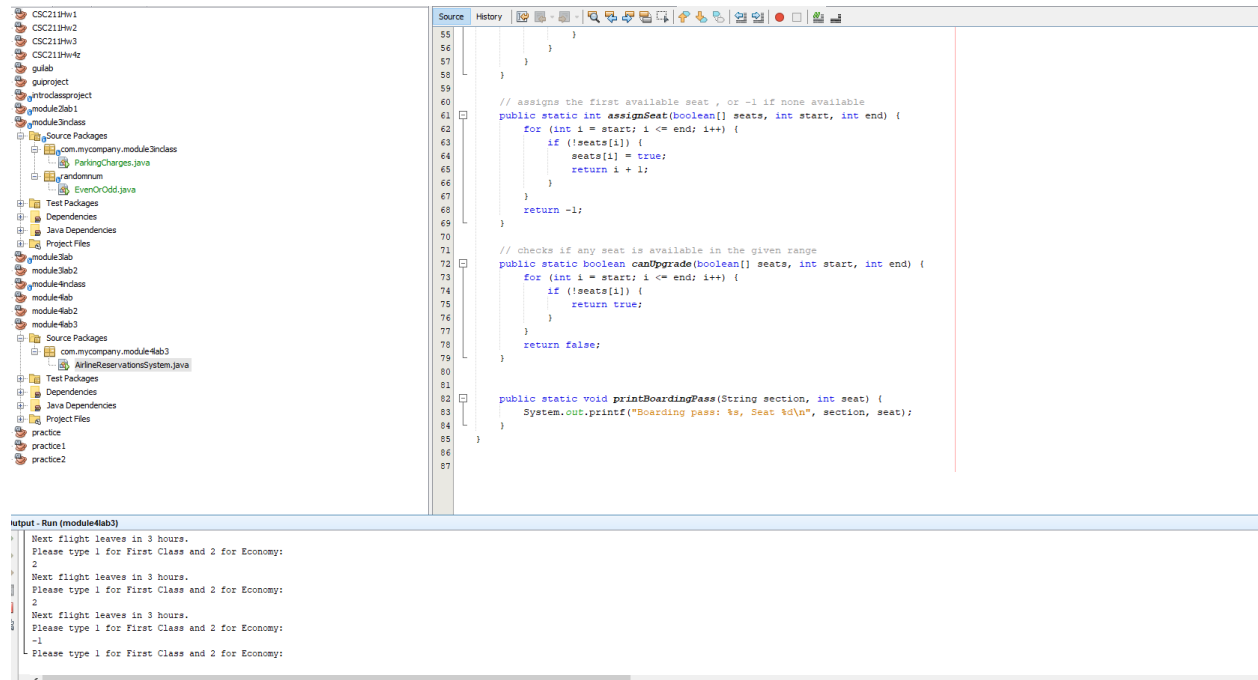
Product of nums2: 350

Product of nums3: 2

BUILD SUCCESS

Total time: 1.215 s

Finished at: 2023-03-02T23:05:50-05:00



<https://github.com/ReetzL/Module4Lab>  
<https://github.com/ReetzL/module4lab2>  
<https://github.com/ReetzL/module4lab3>