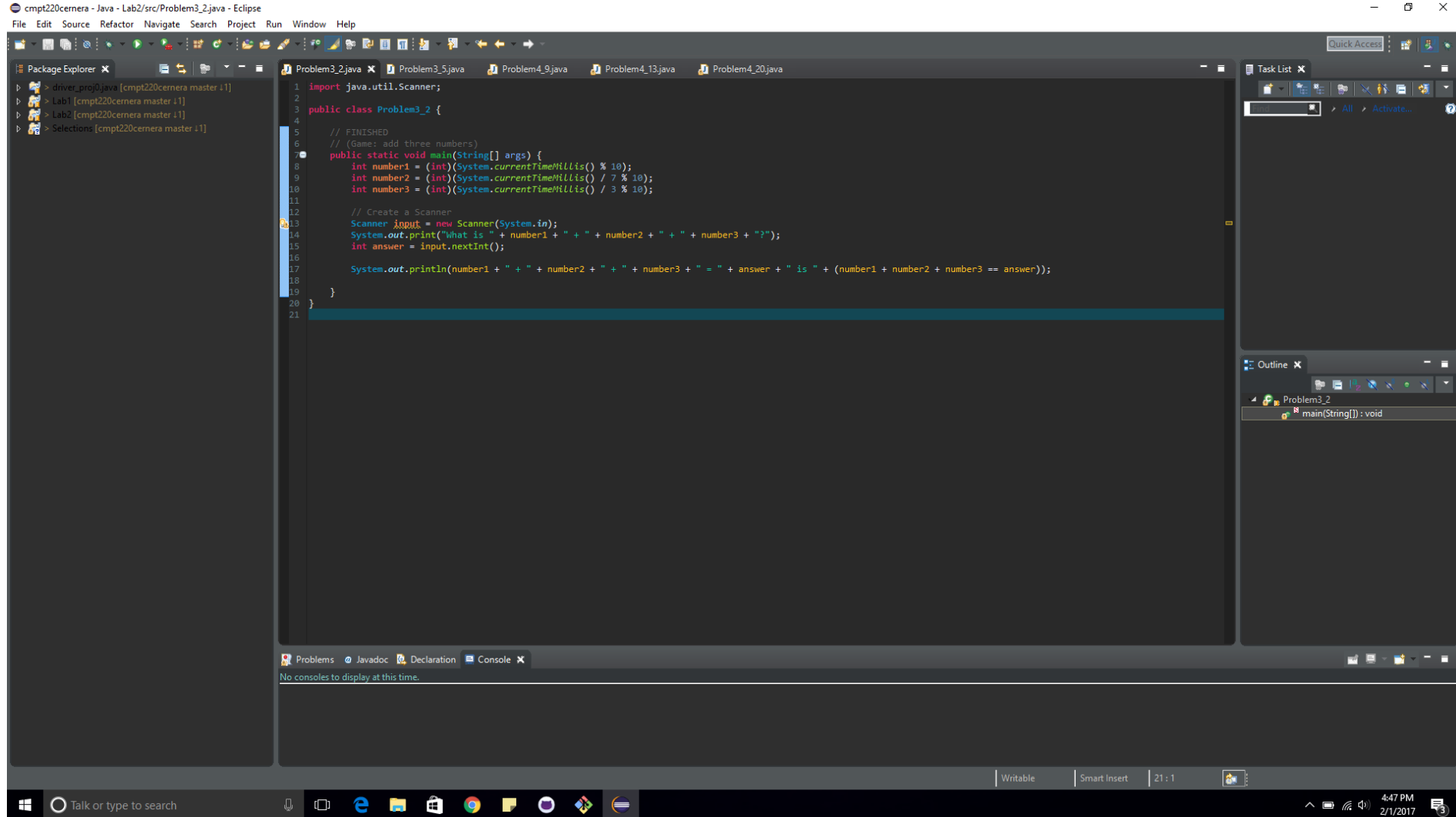


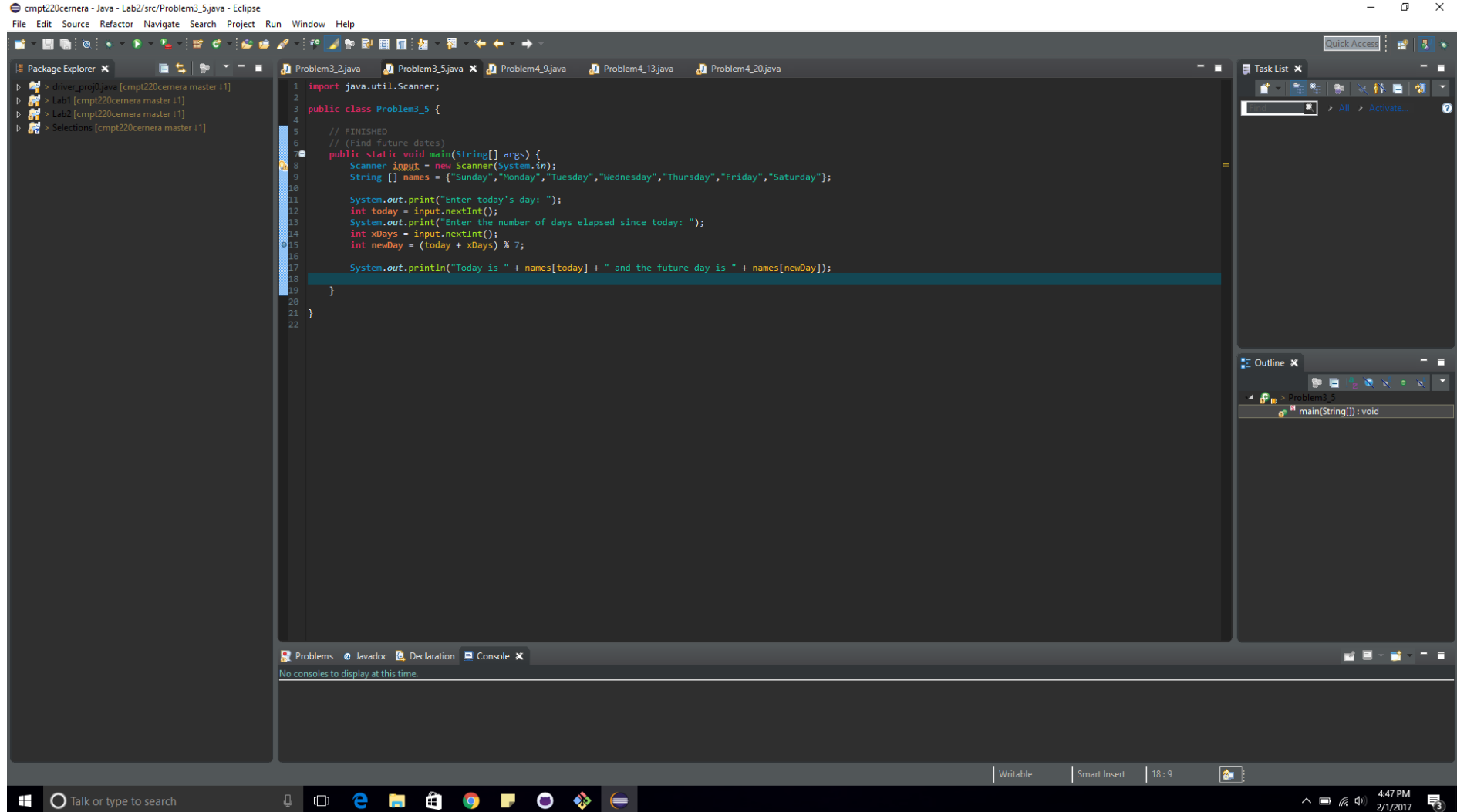
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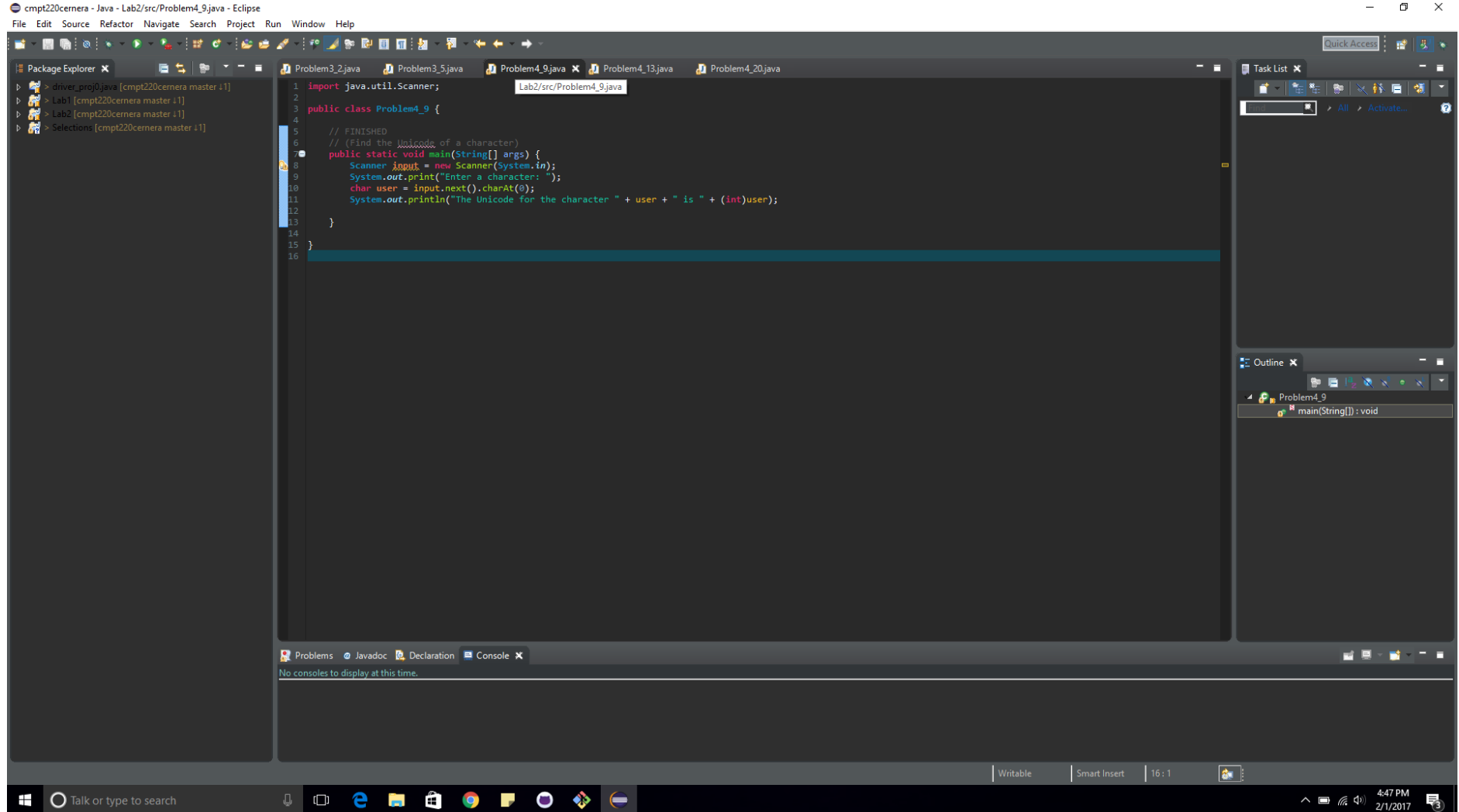
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cmpt220cernera - Java - Lab2/src/Problem4_13.java - Eclipse

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Package Explorer

- driver_proj0.java [cmpt220cernera master +1]
- Lab1 [cmpt220cernera master +1]
- Lab2 [cmpt220cernera master +1]
- Selections [cmpt220cernera master +1]

Problem3_2.java Problem3_5.java Problem4_9.java Problem4_13.java Problem4_20.java

```
1 import java.util.Scanner;
2
3 public class Problem4_13 {
4
5     // FINISHED
6     // (Vowel or consonant?)
7     public static void main(String[] args) {
8         Scanner input = new Scanner(System.in);
9         char [] vowel = "aeiou".toCharArray();
10        char [] consonant = "bcdfghjklmnpqrstvwxyz".toCharArray();
11        System.out.print("Enter a letter: ");
12        char user = input.next().charAt(0);
13        char temp = Character.toLowerCase(user);
14        boolean cons = false; // flag booleans
15        boolean vow = false;
16
17        // check if it's a vowel
18        for (int i = 0; i < vowel.length; i++) {
19            if (vowel[i] == temp) {
20                vow = true;
21                break;
22            }
23        }
24
25        // check if it's a consonant
26        for (int i = 0; i < consonant.length; i++) {
27            if (consonant[i] == temp) {
28                cons = true;
29                break;
30            }
31        }
32
33        if (vow == true) {
34            System.out.println(user + " is a vowel.");
35        } else if (cons == true) {
36            System.out.println(user + " is a consonant.");
37        } else {
38            System.out.println(user + " is an invalid input.");
39        }
40    }
41 }
42
43
44
```

Task List

Outline

- Problem4_13
- main(String[]) : void

Problems Javadoc Declaration Console

No consoles to display at this time.

Writable Smart Insert 13:9

Talk or type to search

4:47 PM 2/1/2017

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