| Attach the assignment to your HW/Lab | ENGR 102 Section Lab 4z      |
|--------------------------------------|------------------------------|
| Date: see website                    | <b>DUE DATE:</b> see website |
| You name                             | Team # (table)               |

ENGR 102 Sect #\_\_\_\_ Lab 4zy

## 100 points

## Reading assignment:

| Lecture Slides | L04a L04b week 4 |
|----------------|------------------|
| zyBook         | Chapter 4        |

Attention!!

For submission you may use this file as a template: rename file including your name. Do not submit multiple pictures separately, collect them all into one file (word or pdf). You will be allowed to resubmit and reupload HW as many times as you want to within the due date/time, only last submission will be graded. Do not forget to put your name inside of this file as well.

## **Submit on Canvas**

## If you are submitting py-files, make sure that they have a header.

You may talk with others in lab about how to go about doing each of assignments. However, submission should be individual

**Problem 1 [5 points]** Complete Zybook Participation activity. 4.1.2: Order of evaluation." Put your screenshot of the completed assignment here.

**Problem 2 [5 points]** Complete Zybook Participation activity." 4.1.3: Common errors in expressions." Put your screenshot of the completed assignment here.

**Problem 3 [5 points]** Complete Zybook Participation activity. "4.1.4: Order of evaluation. Put your screenshot of the completed assignment here.

Problem **4 [5 points]** Complete Zybook activity 4.2.12: If-elseif-else. Put your screenshot of the completed assignment here.

Problem 5 [5 points] Complete Zybook activity "

4.3.2: If statement. "

Put your screenshot of the completed assignment here.

**Problem 6 [5 points]** Complete Zybook Participation activity. 4.3.6: If-else statements. Put your screenshot of the completed assignment here.

**Problem 7 [5 points]** Complete Zybook Participation activity. "4.3.7: Writing an if-else statement.." Put your screenshot of the completed assignment here.

**Problem 8 [5 points]** Complete Zybook Participation activity. 4.3.8: Multi-branch if-else statements.." Put your screenshot of the completed assignment here.

**Problem 9 [5 points]** Complete Zybook Participation activity. 4.5.2: Conditional expressions. Put your screenshot of the completed assignment here.

**Problem 10 [5 points]** Complete Zybook Participation activity. 4.5.4: Ranges and multi-branch if-else.. Put your screenshot of the completed assignment here.

**Problem 11 [5 points]** Complete Zybook Participation activity. 4.5.5: Complete the multi-branch if-else. Put your screenshot of the completed assignment here.

Problem 12 [5 points] Complete Zybook Participation activity.4.6.5: Logical operators: Complete the expressions to detect the desired range.

Put your screenshot of the completed assignment here.

**Problem 13 [10 points]** Complete Zybook Participation activity.

4.6.6: Creating expressions with logical operators. Put your screenshot of the completed assignment here.

Problem 14 [10 points] Complete Zybook Participation activity.

4.6.7: TV channel example: Detecting ranges. Put your screenshot of the completed assignment here.

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**Problem 15 [10 points]** Complete Zybook Participation activity.

4.7.4: NFL Jersey numbers. Put your screenshot of the completed assignment here.

**Problem 16 [10 points]** Complete Zybook Participation activity.

4.8.4: Nested if-else statements. Put your screenshot of the completed assignment here.