**ENGR 102 Sect #\_\_516\_\_ 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.

Graphical user interface

Description automatically generated

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

Graphical user interface

Description automatically generated

**Problem 3 [5 points]** Complete Zybook Participation activity. “4.1.4: Order of evaluation.

Put your screenshot of the completed assignment here.

Graphical user interface

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Problem **4 [5 points]** Complete Zybook activity 4.2.12: If-elseif-else.

Put your screenshot of the completed assignment here.

Graphical user interface

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**Problem 5 [5 points]** Complete Zybook activity “

4.3.2: If statement. ”

Put your screenshot of the completed assignment here.

Table

Description automatically generated with low confidence

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

Table

Description automatically generated with low confidence

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

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

Table

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**Problem 9 [5 points]**  Complete Zybook Participation activity. 4.5.2: Conditional expressions.

. Put your screenshot of the completed assignment here.

Graphical user interface

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**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.

Graphical user interface

Description automatically generated with medium confidence

**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.

Graphical user interface

Description automatically generated with medium confidence

**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.

Graphical user interface, website

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

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

Graphical user interface, website

Description automatically generated

**Problem 14 [10 points]**  Complete Zybook Participation activity.

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

Graphical user interface, website

Description automatically generated

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

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

Graphical user interface, application

Description automatically generated

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

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

Graphical user interface

Description automatically generated