**Chapter 13**

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Remember, changes to question templates won't automatically update quizzes that are already using those questions.

**Discussion 13.1: Decisions in software 1 pts**

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Briefly, share with your classmates a unique way that a computer program makes a decision in some software that you regularly use. You can pick any computer program you like! For example, one of my favorite video games growing up was Mario Kart 64. My sister was WAY better than me at racing but the power ups that you can collect change depending on what place you are in. Since I was usually in last place, and my sister was usually towards the front, the program made decisions to give me much more powerful items that allowed the race to be competitive! What is your story about computers making decisions?

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**Question 13.1: Test the script! 1 pts**

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Test the script that we just made. What would the pay be for someone who worked 75.6 hours at an hourly wage of $24.25/hour?

**Correct Answer** 2219.651 to 2310.249

**Correct answer comments**

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**Question 13.2: Consider the following [code]if-else-end[/code] 1 pts**

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Do not just type this into MATLAB. Try it by hand first! That is how you learn.

Consider the following script file:

x = 10;

y = x - 4;

z = 2\*x + y;

if x > y & z == 25

output = x + y + z;

else

output = x - y - z;

end

What is the value in the variable

output

when the program is finished running?

**Correct Answer** -22

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**Personal Reflection - Chapter 13 1 pts**

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What do you think about the content of this chapter? Did you learn anything new? Do you need to do some more practice? What do you think about the other chart types (that I said were garbage)? Do you agree / disagree? Do some personal reflection.

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**Request for Feedback - Chapter 13 1 pts**

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What did you think of this chapter? Anything stand out as exceptionally good? Anything that you would like to see differently? Any feedback is appreciated.

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