

Test Canvas: Prep Quiz 6, Feb 6

The Test Canvas allows you to add and edit questions, add question sets or random blocks, reorder questions, and review the test. [More Help](#)

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Description This quiz will be available until 1 hour before class on M-6-Feb. You have 1 try and will get 10 minutes. After ten minutes the quiz will self submit. As a reminder, you can use all material, but communicating the questions or answers to fellow students is considered cheating. The quiz should be easy if you watched the videos and read the material.

Instructions

Total 5
Questions
Total Points 100


Select: All None Select by Type: - Question Type -


Delete Points Update Hide Question Details

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Points: **20**

1. Multiple Answer: Relational operators: The following are all examples of relational operators. Which of the following: The following are all example...


Question	The following are all examples of relational operators. Which of the following options are incorrect? The variables x and y are both integer vectors of length 1.
Answer	<div><div>x==y</div><div> x=y</div><div>x <= y</div></div>

 `x <= y`



Points: **20**


2. Multiple Choice: What is the result of `NA==NA`? What is the result of `NA==NA` ...

Question	What is the result of <code>NA==NA</code>
Answer	<div>TRUE</div> <div>FALSE</div> <div> NA</div> <div>1</div>



Points: **20**

3. Either/Or: Consider function `f` and function `g`. Function `f` takes 10 hours to execute and function `g` takes 5 hour: Consider function `f` and funct...

Question	<p>Consider function <code>f</code> and function <code>g</code>. Function <code>f</code> takes 10 hours to execute and function <code>g</code> takes 5 hours. Function <code>f</code> always returns the value 20, and function <code>g</code> always returns the value 15.</p> <p>Is this line of code</p> <pre>f()==19 && g()==15</pre> <p>faster than this line of code</p> <pre>f()==19 & g()==15</pre>
Answer	<div> Yes</div> <div>No</div>



Points: **20**

4. Either/Or: Logical operators: Consider function `f` and function `g`. Function `f` takes 10 hours to execute and func: Consider function `f`

and funct...

Question	<p>Consider function f and function g. Function f takes 10 hours to execute and function g takes 5 hours. Function f always returns the value 20, and function g always returns the value 15.</p> <p>This line of code</p> <pre>f()==20 && g()==15</pre> <p>is faster than this line of code</p> <pre>f()==20 & g()==15</pre> <p>(Note that I am not asking if the result of the code is TRUE or FALSE. I am asking if one is faster than the other).</p>
Answer	<div>Yes</div> <div><input checked="" type="radio"/> No</div>



Points: 20

5. Multiple Choice: dummy variables: Suppose you have two variables. The first one has 9 distinct categories. The second: Suppose you have two variable...

Question	<p>Suppose you have two variables. The first one has 9 distinct categories. The second one has 4 distinct categories. How many dummy variables will you need? Make sure you represent the data efficiently.</p>
Answer	<div>13</div> <div>9</div> <div>4</div> <div><input checked="" type="radio"/> 11</div>

Select: Select by Type:

Points

