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**Chapter 9**

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Show Question Details

**Personal Reflection - Chapter 9 1 pts**

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This is a completely anonymous submission. The professor will be able to see the responses but the responses will not be attributed to an author. Your participation is required.

What do you think about the content of this chapter? Again, there is a lot of new material in this chapter wouldn't you agree? Do you need some more practice before you understand this material? Do some personal reflection about your learning.

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**Question 9.1: Subtraction of Vectors 1 pts**

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Using the variables stored in your workspace, try the following subtraction operation: vec2-vec1 and store it in a new vector called vec3. What is the value of vec3(1)?

**Correct Answers**

11 (with margin: 0)

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**Question 9.2: Subtract a Scalar 1 pts**

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Using the 4 variables still stored in your Workspace, subtract the scalar 4 from mat1 and store in a new matrix called mat4. What is the value of mat4(1,1)?

**Correct Answers**

0 (with margin: 0)

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**Question 9.3: Now Here is the Beauty of MATLAB! 1 pts**

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For this question, let's consider the preceding example, but this time, redefine x to be from x = 1 to x=999 equally spaced by 1. To accomplish this, you should only have to modify two numbers in your script. After running it, you have now created a fun array with 1000 entries! Using this and what you know about MATLAB what is the function value evaluated at x = 257?

**Correct Answers**

257 (with margin: 0)

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**Question 9.4: Help! std! 1 pts**

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For this question, consider a 5x8 matrix stored in the variable random\_man with random values. When the user types in y = std(random\_man) what is/are the dimensions of the variable y?

**Correct Answer**

A row vector with 8 values corresponding to the columns of random\_man

A column vector with 8 values corresponding to the columns of random\_man

Hint

Did you read the help text? If you did, make sure you read it carefully. Next, try it out on a 5x8 array and see what happens!

A scalar representing the standard deviation of all 40 elements in random\_man

Hint

Did you read the help text? If you did, make sure you read it carefully. Next, try it out on a 5x8 array and see what happens!

A row vector with 5 values corresponding to the rows of random\_man

Hint

Did you read the help text? If you did, make sure you read it carefully. Next, try it out on a 5x8 array and see what happens!

A column vector with 5 values corresponding to the rows of random\_man

Hint

Did you read the help text? If you did, make sure you read it carefully. Next, try it out on a 5x8 array and see what happens!

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**Request for Feedback - Chapter 9 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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