

First Quiz - Section 1 #0000000807 On October 4, 2016 15:54	
Email	nadin.kokciyan@boun.edu.tr
Administrator Remarks	Processing

StudentID		0000										
Email		nadin.kokciyan@boun.edu.tr										
What is the result of this code? c(2, 3, 4) * c(1, 2, 3, 4)	☒	2 6 12 8										
	☐	2 4 6 8 3 6 9 12 4 8 12 16										
	☐	2 6 12 4										
	☐	Error										
What will be the output? If we execute the following code, what will be the output of the following code: person.height <- c(Can=1.70,Cem=1.75,Hande=1.62) person.height <- c(person.height[1:3],Lale=1.76, person.height[2]) person.height	☒	<table><tr><td>Can</td><td>Cem</td><td>Hande</td><td>Lale</td><td>Cem</td></tr><tr><td>1.70</td><td>1.75</td><td>1.62</td><td>1.76</td><td>1.75</td></tr></table>	Can	Cem	Hande	Lale	Cem	1.70	1.75	1.62	1.76	1.75
	Can	Cem	Hande	Lale	Cem							
	1.70	1.75	1.62	1.76	1.75							
	☐	<table><tr><td>Can</td><td>Cem</td><td>Lale</td><td>Hande</td></tr><tr><td>1.70</td><td>1.74</td><td>1.76</td><td>1.68</td></tr></table>	Can	Cem	Lale	Hande	1.70	1.74	1.76	1.68		
Can	Cem	Lale	Hande									
1.70	1.74	1.76	1.68									
☐	<table><tr><td>Can</td><td>Cem</td><td>Hande</td><td>Lale</td><td>Hande</td></tr><tr><td>1.70</td><td>1.74</td><td>1.68</td><td>1.76</td><td>1.68</td></tr></table>	Can	Cem	Hande	Lale	Hande	1.70	1.74	1.68	1.76	1.68	
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☐	<table><tr><td>Can</td><td>Lale</td><td>Cem</td></tr><tr><td>1.70</td><td>1.76</td><td>1.74</td></tr></table>	Can	Lale	Cem	1.70	1.76	1.74					
Can	Lale	Cem										
1.70	1.76	1.74										
Which of the following code will not give me the range? prices <- c(15.38,113.20,33.68,36.78,17.45) The vector above is created, consisting of recent stock market prices of some firms. I am interested in finding the range of this data (maximum price-minimum price).	☒	prices[113.20] - prices[15.38]										
	☐	prices[-c(1,3,4,5)] - prices[-c(2,3,4,5)]										
	☐	prices[c(F,T,F,F,F)] - prices[c(T,F,F,F,F)]										
	☐	prices[2] - prices[1]										
What will be the output of the code below? Three vectors named vec1, vec2, vec3 are created: vec1 <- c(6,11) vec2 <- c(0,1) vec3 <- c(-1,4) What will be the output of the code below? mean(vec3+vec1) + length(c(vec1,vec2))	☒	14										
	☐	12										
	☐	9										
	☐	11										
What will be output of m[order(x)]? x <- c(2,4,3,5,6,1) m <- c(2,4,3,5,6,1) If these vectors are given above, what will be output of m[order(x)] ?	☒	1 2 3 4 5 6										
	☐	2 4 3 5 6 1										
	☐	1 6 5 3 4 2										
	☐	6 5 4 3 2 1										
What will be the output? Once upon a time there was a little girl. She wanted to buy some fresh fruits from the supermarket. Since she had a budget constraint she needed to be aware of prices. The basket in the supermarket for fruit is the vector b below:	☒	<table><tr><td>pear</td><td>grapefruit</td><td>apple</td><td>quince</td></tr><tr><td>2.0</td><td>2.5</td><td>3.4</td><td>8.0</td></tr></table>	pear	grapefruit	apple	quince	2.0	2.5	3.4	8.0		
	pear	grapefruit	apple	quince								
	2.0	2.5	3.4	8.0								
☐	<table><tr><td>quince</td><td>apple</td><td>grapefruit</td><td>pear</td></tr><tr><td>8.0</td><td>3.4</td><td>2.5</td><td>2.0</td></tr></table>	quince	apple	grapefruit	pear	8.0	3.4	2.5	2.0			
quince	apple	grapefruit	pear									
8.0	3.4	2.5	2.0									

<pre>b <- c(pear=2, quince=8, apple = 3.4, grapefruit=2.5)</pre> The pretty girl wanted to see a clear picture of prices and she asked fruiterer to sort fruits according to their prices. Fruiterer’s response was : <pre>sort(b)</pre>	☐<table><tr><td>grapefruit</td><td>pear</td><td>quince</td><td>apple</td></tr><tr><td>2.5</td><td>2.0</td><td>8.0</td><td>3.4</td></tr></table> ☐<table><tr><td>apple</td><td>grapefruit</td><td>pear</td><td>quince</td></tr><tr><td>3.4</td><td>2.5</td><td>2.0</td><td>8.0</td></tr></table>	grapefruit	pear	quince	apple	2.5	2.0	8.0	3.4	apple	grapefruit	pear	quince	3.4	2.5	2.0	8.0
grapefruit	pear	quince	apple														
2.5	2.0	8.0	3.4														
apple	grapefruit	pear	quince														
3.4	2.5	2.0	8.0														
What is the output? The following code is executed: <pre>person <- c("Ahmet", "20", "Male") names(person) <- c("Name", "Age", "Gender") person[2]</pre>	☒ Age "20" ☐ 20 ☐ Age ☐ Ahmet, 20 , Male																
What is the result of the following operation? <pre>v1 <- c(1,NA,3,4) v2 <- c(5,6,NA,8) v1+v2</pre>	☒ 6 NA NA 12 ☐ 6 6 3 12 ☐ NA ☐ 27																
Which of the following names are not proper in R? i) .3Barney ii) 5Ted iii) person-weight iv) Lily._Marshall	☐ i,ii ☐ ii,iii ☐ iii,iv ☒ i,ii,iii																
Which of the following codes creates vector he wants? Mazhar is a CEO of his own company. He has 500 workers and he creates a data vector <i>Workers.Names</i> that consists of all workers’ names. He recruits 2 new workers whose names are Fuat and Ozkan. He wants to add his 2 workers to this vector. Which of the following codes creates the vector he wants?	☒ Workers.Names <- c(Workers.Names,"Fuat","Ozkan") ☐ Workers.Names <- c("Workers.Names",Fuat,Ozkan) ☐ Workers.Names <- c("Workers.Names","Fuat","Ozkan") ☐ Workers.Names <- c(Workers.Names,Fuat,Ozkan)																