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Assignment 0

The due date for submitting this assignment has passed.

Due on 2021-07-26, 23:59 IST.

As per our records you have not submitted this assignment.

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

Create a data frame with given vectors below.

vec1 = c(1,2,3)

vec2 = c("Apple", "Orange", "Guava")

vec3 = c(180,100,50)

Store the data frame in the variable named – "**fruits**".

Answer questions from 1 to 3 below. These are based on the data frame created above.

1) What is the command to extract the information from 2nd & 3rd rows of the 3rd column? ***1 point***

- print(fruits [2:3,3])
- print(fruits [,2,3])
- print(fruits [2,3,])
- print(fruits [,3])

No, the answer is incorrect.
Score: 0

Accepted Answers:
print(fruits [2:3,3])

2) The command to add a new row to the data frame "**fruits**" with the following values vec1= 4, vec2="Grapes", vec3="120" passed to each vector is: ***1 point***

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- fruits =rbind(data.frame(vec1= 4, vec2="Grapes", vec3="120", fruits))
- fruits =rbind(data.frame(vec1= 4, vec2="Grapes", vec3="120"))
- fruits =rbind(data.frame(vec1= 4, vec2="Grapes", vec3="120""), fruits)
- fruits =rbind(fruits, data.frame(vec1= 4, vec2="Grapes", vec3="120"))

No, the answer is incorrect.
Score: 0
Accepted Answers:
fruits =rbind(fruits, data.frame(vec1= 4, vec2="Grapes", vec3="120"))

3) The command to add a new column to the data frame "**fruits**" with vector "**vec4**" taking values 10,20,30,40 is: - ***1 point***

Note: Please answer the question based on data frame created in question 2

- fruits ==cbind(dataframe(vec4 = c(10,20,30,40), fruits)
- fruits =cbind(fruits ,data.frame(vec4 = c(10,20,30,40)))
- fruits =cbind(fruits.data.frame(vec4 = c(10,20,30,40)))
- fruits =cbind(data.frame(vec4 = c(00,20,30,40)), fruits)

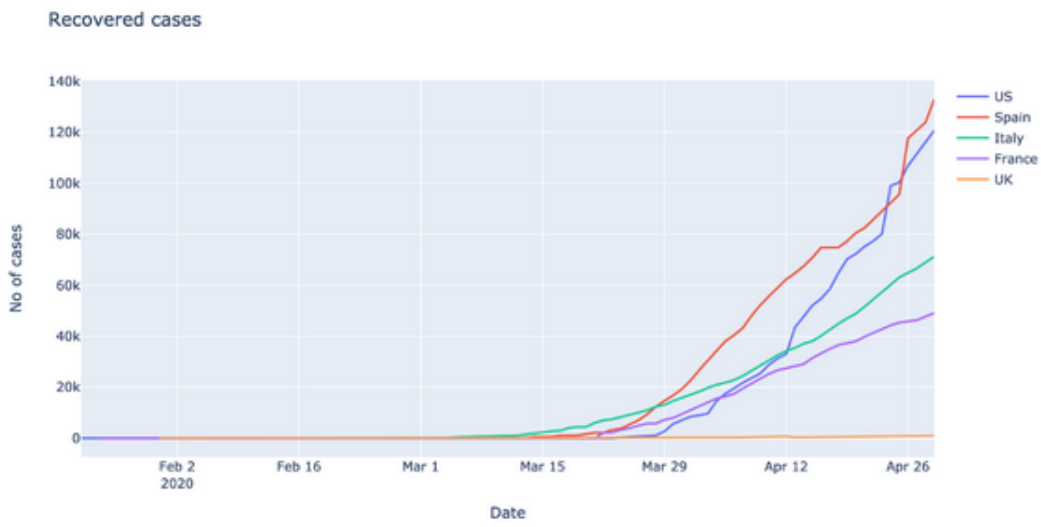
No, the answer is incorrect.
Score: 0
Accepted Answers:
fruits =cbind(fruits ,data.frame(vec4 = c(10,20,30,40)))

4) In R studio IDE the shortcut key **ctrl+Shift+S** executes ***1 point***

- all commands in the console and displays the output.
- selected command alone
- all commands in the console without displaying them
- all commands in variable explorer

No, the answer is incorrect.
Score: 0
Accepted Answers:
all commands in the console without displaying them

5) The line graph shows the country wise breakup of the number of cases who have recovered from COVID-19. Which country has the least number of recovered cases? ***1 point***



- France
- US
- Italy
- Spain

No, the answer is incorrect.
Score: 0
Accepted Answers:
France

Create a list using vec1, vec2 and vec3 and store the vectors in the list variable - "mylist". Answer Q6 based on 'mylist'.

vec1 = c(6,7,8)

vec2 = c("Football","Basketball","Volleyball")

vec3 = c("300", "400", "600")

6) Choose the correct command to replace "**Basketball**" with "**Carrom**"? ***1 point***

- mylist[[2]][3] = "Carrom"
- mylist[[2]][2] = "Carrom"
- mylist[2,3] = "Carrom"
- mylist[2]3 = "Carrom"

No, the answer is incorrect.
Score: 0
Accepted Answers:
mylist[[2]][2] = "Carrom"

7) The library needed to do melt & cast operations in R is_____ ***1 point***

- Cars
- Caret
- Gdata
- reshape2

No, the answer is incorrect.
Score: 0
Accepted Answers:
reshape2

8) The correct command to build a square matrix 'A' with numbers from 13 to 21, arranged column wise is:- ***1 point***

- A =matrix(c(13:21), nrow = 3, ncol = 9, byrow = T)
- A =matrix(c(13:22), nrow = 3, ncol = 1, byrow = F)
- A =matrix(c(13:22), nrow = 3, ncol = 3, byrow = T)
- A = matrix(c(13:21), nrow = 3, ncol = 3, byrow = F)

No, the answer is incorrect.
Score: 0
Accepted Answers:
A = matrix(c(13:21), nrow = 3, ncol = 3, byrow = F)

Answer all the questions from 9 to 10 using the matrix from Question 8:

9) The command to extract all the elements of third column from matrix “A” is_____ ***1 point***

- A[3,]
- A[,3]
- A(3,)
- A{3}

No, the answer is incorrect.
Score: 0

Accepted Answers:
A[,3]

10) The command to extract the element in 1st row, 1st column from matrix “A” is_____ ***1 point***

- A(1,1)
- A[1,3]
- A{2,3}
- A[1,1]

No, the answer is incorrect.
Score: 0

Accepted Answers:
A[1,1]