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Welcome to R!

Let's review the R basics learned in tutorial Video 1 and Video 2. You can take this quiz as often as needed to reach the correct answers.

(4/4 points)
Match each window with its location in R studio.

script window

upper left window

console

lower left window

workspace/environment

upper right window

file directory

lower right window

Final Check   **Save**   **Show Answer**   *You have used 1 of 2 submissions*

(1/1 point)

R can be used as a basic **calculator**. What will R return when the following value is typed in the console window?

6^2+2

38

38

Final Check   **Save**   **Show Answer**   *You have used 1 of 2 submissions*

(1/1 point)

You can assign values to **objects** in R. Which of the following lines of code assigns the value 6^2+2 to the **object** x?

Help

○ x <- 6^2+2 ✔

○ x -> 6^2+2

○ x == 6^2+2

| Final Check | Save | Show Answer | *You have used 1 of 2 submissions* |

(1/1 point)

What value would R return if you called your new object, **x**, in the following line of code?

x^2

1444

1444

| Show Answer | *You have used 2 of 2 submissions* |

(1/1 point)

When you create an object in R Studio, where does that object (and its contents) appear?

○ console

◉ workspace (or environment) ✔

○ file directory

○ script window

Help

| Final Check | Save | Show Answer | *You have used 1 of 2 submissions* |

(1/1 point)

You can write **comments** in your code to help you remember what each line of code does. What symbol precedes a **comment**?

○ %

○ @

○ &

◉ # ✔

| Final Check | Save | Show Answer | *You have used 1 of 2 submissions* |

(1/1 point)

Look at the following line of code. What would you see in the console window after running this code?

```
#Assign the value 6+2 to x

x <- 6+2
```

Help

- ○ You would see an error statement.

- ○ You would see the value 8.

- ⊙ You would see the two lines of code exactly as they appear here. ✔

Show Answer   *You have used 2 of 2 submissions*

(1/1 point)

If you want R to return the value of x in the console window, what additional line of code would you need to add?

- ○ #x

- ○ show x

- ⊙ x ✔

Final Check   Save   Show Answer   *You have used 1 of 2 submissions*

(1/1 point)

The following line of code is an example of what?

`sqrt(x^2)`

○ an object

○ a data point

● a function ✔

[Final Check] [Save] [Show Answer]   *You have used 1 of 2 submissions*

(1/1 point)

What value would R return for **sqrt(x^2)**?

○ 64

● 8 ✔

○ x

[Final Check] [Save] [Show Answer]   *You have used 1 of 2 submissions*

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