✓ **Congratulations! You passed!**
TO PASS 80% or higher

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Dataframes and Importing Data in R

LATEST SUBMISSION GRADE

100%

1. What happens if you run this code?

   `data.frame(alpha,beta)`

   1 / 1 point

   ○ You are asking R whether the objects alpha and beta are data frames.

   ○ You are creating a data frame with alpha and beta and saving it to the R environment.

   ◉ You are asking R to display a data frame with alpha and beta in the R console.

   > ✓ **Correct**
   >
   > Correct. If you want to save the data frame to an object, you would do something like:
   >
   > `my_df <- data.frame(alpha,beta)`

2. What part of the data frame "states" does this code call?

   `states[15,2]`

   1 / 1 point

   ○ The entry of the 15th row down in the second column from the right.

   ○ The entry of the second row down in the 15th column from the left.

   ◉ The entry of the 15th row down in the second column from the left.

   > ✓ **Correct**
   >
   > Correct!

3. Say you have a data frame named "inventory" with 3 rows and two columns, created like this:

   1 / 1 point

   ```
   1   home <- c("computer","calculator","scanner")
   2   office <- c("paper","pens","pencils")
   3
   4   inventory <- data.frame(home,office)
   ```

   What would happen if you ran this code?

   `inventory$annex <- c("printer","stapler")`

   ◉ You'll get an error message because you are trying to add a column that only has two rows.

   ○ A new row with the rowID office will be added to the data.

   ○ You'll get a new column called office populated by "printer" and "stapler."

   > ✓ **Correct**
   >
   > Correct!

4. How many working directories can you have set simultaneously in an R session?

   1 / 1 point

   ◉ One

   ○ Two

   ○ Unlimited

   > ✓ **Correct**
   >
   > Correct!

5. Is it easier to import rectangular or non-rectangular data into R?

   1 / 1 point

   ◉ Rectangular

○ Non-rectangular

✓ **Correct**
Correct. Rectangular data like a .csv file is the easiest kind of data to work with in R.

○ Non-rectangular

✓ **Correct**
Correct. Rectangular data like a .csv file is the easiest kind of data to work with in R.