



Exercise



Ranks

You can create a data frame using the `data.frame` function. Here is a quick example:

```
temp <- c(35, 88, 42, 84, 81, 30)
city <- c("Beijing", "Lagos", "Paris", "Rio de Janeiro", "San Juan", "Toronto")
city_temps <- data.frame(name = city, temperature = temp)
```

Instructions

100 XP

- Define a variable `states` to be the state names from `murders`
- Use `rank(murders$population)` to determine the population size rank (from smallest to biggest) of each state.
- Save these ranks in an object called `ranks`.
- Create a data frame with state names and their respective ranks. Call the data frame `my_df`.

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script.R

```
1 # Store temperatures in an object
2 temp <- c(35, 88, 42, 84, 81, 30)
3
4 # Store city names in an object
5 city <- c("Beijing", "Lagos", "Paris", "Rio de Janeiro", "San Juan",
6 "Toronto")
7
8 # Create data frame with city names and temperature
9 city_temps <- data.frame(name = city, temperature = temp)
10
11 # Define a variable states to be the state names
12 states<-murders$state
13
14 # Define a variable ranks to determine the population size ranks
15 ranks<-rank(murders$population)
16
17 # Create a data frame my_df with the state name and its rank
18 my_df<-data.frame(name = states, rank = ranks)
```

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