Learn / **Data Science R Basics**

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Exercise

⬅

Connecting Numeric and Character Vectors

We have successfully assigned the temperatures as *numeric* values to `temp` and the city names as *character* values to `city`. But can we associate the temperature to its related city? Yes! We can do so using a code we already know - `names`. We assign names to the *numeric* values.

It would look like this:

```
cost <- c(50, 75, 90, 100, 150)
food <- c("pizza", "burgers", "salads", "cheese", "pasta")
names(cost) <- food
```

⊘ Instructions

100 XP

Use the `names` function and the objects defined in the previous exercises to associate the temperature data with its corresponding city. (You can go back to the previous questions and copy the objects stored.) Note: to see what happened, after assigning the city names to the temp vector, try printing the temp vector to understand how the names are associated with elements of temp.

script.R

☽ **Dark Mode**

```
 1    # Associate the cost values with its corresponding food item
 2    cost <- c(50, 75, 90, 100, 150)
 3    food <- c("pizza", "burgers", "salads", "cheese", "pasta")
 4    names(cost) <- food
 5
 6    # You already wrote this code
 7    temp <- c(35, 88, 42, 84, 81, 30)
 8    city <- c("Beijing", "Lagos", "Paris", "Rio de Janeiro", "San Juan",
          "Toronto")
 9
10    # Associate the temperature values with its corresponding city
11    names(temp)<-city
```

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R Console