Tutorial 07 - Variables, functions, data structures, and input/output

Challenge - Starting with R and Python

- ▶ Create a R vector or Python list containing 5 names
  - ▶ access the 3rd name using square brackets
  - ▶ access the 1st and 2nd name using square brackets
- ▶ Create a R list or Python dictionary containing your vector/list of 5 names from above, a 2x2 matrix containing the numbers 1 to 4
  - ▶ access the 4th and 5th name from the vector/list in your list/dictionary
  - ▶ access the number in the 1st row and 2nd column of the matrix
- ▶ Load the wages.csv file as a dataframe (remember you need pandas if you are working in Python)
  - ▶ access the 15th row of that dataframe with square brackets
  - ▶ find the minimum wage in the entire dataframe
  - ▶ find the gender and education level of the individual that earns the highest wage in the entire data frame