

Week 1 Lab

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2019-01-14

Instructions

- Create a new R Markdown document. Number each of the following exercises. Write your code solutions in code chunks.
- Don't keep extraneous code. Only what is minimally sufficient to answer the questions to stay in the file.

Exercises

1. Sum up all even numbers from 10 to 1002 (look at the help page of `sum()` and `seq()`)
2. Create a vector of strings where the elements are "Hello", "world!", "How", "are", and "you?". Combine all of these words together into one string, separated by underscores (look at help page of `paste()`)
3. What happens when you sum "1" with 2?
4. You can comment out code using hashtags `#` at the start of a line. That is, the code will no longer run. Comments are great to make code more readable. Comment out the code in the previous chunk and rerun.
5. If we list all the natural numbers below 10 that are multiples of 3 or 5, we get 3, 5, 6 and 9. The sum of these multiples is 23. Find the sum of all the multiples of 3 or 5 below 1000.