

Cairo Crash Course

Control Flow - Exercise 2 - Simple counter

In this exercise we are going to implement a counter using `loop` and `if` statements to get familiar with the functionality of nested conditionals.

Contract Implementation

Complete the function `conditional_counter()` in `control_flow_exercise_2.cairo`.

Using the `index` variable given and the `loop` skeleton, inside this loop satisfy the following conditions:

1. if index is greater than 20 break the loop.
2. if index is 10, increment the index by 1, then continue to the next iteration.
3. After these 2 conditions, print the index value to the console.
4. After printing the index, increase it's value by 2.
5. Return index.

Checking the exercise

1. Write in comments what is the expected output which will be printed to the console.
2. Check that the exercises is completed by running the command `snforge test control_flow_2`.

Useful links

[Cairo Book - Control Flow](#)