

Review Exercises

Conditions

1. Write code that gets three words from a user and inputs them into a sentence using F-Strings.
2. Exercise: Write a list that contains 2 strings. Print the second string in uppercase and then the first string backwards.
3. Write code for a list that contains four names and prints every other name.
4. Write code for a list of numbers. Ask a user for a new number and insert it into the list, second from the end.
5. Exercise: Create a dictionary containing the following information about you: your name, your age, your gender, your favorite food. Be sure to use appropriate keys.
6. Exercise: A user is allowed to drive home if their blood alcohol is less than 0.5 %. Ask a user for their blood alcohol level and if they're not sober, tell them to take a cab.
7. Exercise: If a user is male and over 65 or female and over 60, they may retire. Get a gender and age from the user and let them know if it's time to retire.

Loops

8. Exercise: Write a loop to print every number between 10 and 20.
9. Exercise: Write a loop to print every odd number between 1 and 20.
10. Exercise: Write code with a list of five names. Print the names one by one using a loop.
11. Exercise: Write a loop that takes numbers from the user until it receives the number 0 and prints the sum of the numbers received.
12. Exercise: Write a loop that takes words from the user until it receives the word 'done' and prints the longest word received.

Functions

13. Exercise: Write a function that takes a string as input and prints its length:
14. Exercise: Define a function that takes three numbers and prints their average.
15. Exercise: Define a function that takes two arguments, a string and a number and checks if the string has more characters than the number. Example: 'string', 3 prints True since string has 5 characters.
16. Exercise: Write a function that copies a string a certain number of times, based on the input. Set the default amount of copies to be 1.