

Chapter 17 - 20 (for Loops)

Home Assignment

1. Write a statement in which loop is to run 10 times.
2. Code the first line of a for loop with the usual counter name, usual starting value, and usual increment. Run it 12 times using `<=` to specify how many loops.
3. What are the 5 characters missing from this code, excluding any spaces that are missing? Type them in order, with no spaces or commas between them.

`for var i = 0 i <= 4 i++`

Note: Complete this statement by yourself

4. Code the first line of a for loop with a counter name that's not `i`. Code the usual starting value and usual increment. Run it 100 times using `<` to specify how many loops.
5. Code the first line of a for loop with the usual counter and the usual starting value. Run it 3 times using `>` to specify how many loops. Decrement it with each iteration.
6. The statement assigns the number of elements in the array to the variable.
7. Set a variable named "flag" with an initial Boolean value of your choice.
8. Code the first line of a for loop with the usual counter, the usual starting value, and the usual incrementing. Limit the number of loops by the number of elements in the array `pets`.
9. Coding Exercise:

Set a for loop to run 10 iterations.

On the second iteration, display the counter in an alert. (It should be 1.)

Break out of the loop.

10. Create an array which contains user names

Code a prompt with the message "Enter first name". The user's response is assigned to firstName.

Code the first line of a for loop with the usual counter, the usual starting value, and the usual incrementing. Limit the number of loops by the number of elements in the array user names. Code an if statement that tests the presense of (user name) in an array.

If user name match Alert that "Enter". if not then alert ("Please write correct user name").

11. Complete this code to display an alert if a match isn't found.

```
var matchFound = false;
for (var i = 0; i < list.length; i++) {
  if (userInput === list[i]) {
    alert("Match found");
    matchFound = true; break;
  }
};
```

12. var firstArr = ["a", "b", "c", "d", "e", "f"]; var secondArr = [1, 2, 3, 4, 5, 6];

Code the first line of a for loop with the usual counter, the usual starting value, and the usual incrementing. Limit the number of loops by the number of elements in the array firstArr.

In the scope of main loop Code the nested loop. Limit the number of nested loops by the number of elements in the array secondArr. After that concatenate the both loops.

Expected Output:

a1

a2

a3

a4

...

f6

===== THE END =====