// For Loop

// For Loop Syntax

// for (let i = 0; i < 51; i++) {

// console.log(i);

// }

// Write a for loop that counts downward and prints from 100 to 50.

// Adjust the loop to use variables, rather than hardcoding numbers into the for loop.

// let endNum = 50;

// let startNum = 100;

// for (let i = startNum; i<=startNum && i >= endNum; i--) {

// console.log(i);

// }

// Inside a for loop, edit variables on the outside.

// let n = 6;

// let sum = 0;

// for (let i = 0; i <= 6; i++) {

// sum = sum + i;

// console.log("New sum: ", sum);

// }

// You can place if statements inside for loops.

// Wite a for loop that prints every letter of a string, unless that letter is an "o";

// let strOne = "Hello World";

// for (i=0; i < strOne.length; i++) {

// if (strOne[i] !== 'o') {

// console.log(strOne[i]);

// }

// }

/\*

Exercise ( 10 minutes )

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// Write a for loop that prints does the following:

99 cans of tea on the wall, 99 cans of tea.

Take one down, pass it around, 98 cans of tea on the wall!

98 cans of tea on the wall, 98 cans of tea.

Take one down, pass it around, 97 cans of tea on the wall!

... and so on...

2 cans of tea on the wall, 2 cans of tea.

Take one down, pass it around, 1 can of tea on the wall!

1 can of tea on the wall, 1 can of tea.

Take one down, pass it around, no more can of tea on the wall!

Begin coding below:

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// let startNum = 99;

// let endNum = 0;

// let newNumCans = 0;

// let phraseOneCan = " can ";

// let phrasePluralCan = " cans ";

// let phraseOne = "of tea on the wall, ";

// let phraseTwo = "of tea.\n Take one down and pass it around ";

// let phraseThree = "of tea on the wall.";

// for (i = startNum; i <= startNum && i > endNum; i--) {

// if (i > 1 || i === 0) {

// newNumCans = i - 1;

// if (newNumCans >= 1) {

// let phraseComplete = String(i) + phrasePluralCan + phraseOne + String(i) + phrasePluralCan + phraseTwo + String(newNumCans) + phrasePluralCan + phraseThree;

// console.log(phraseComplete);

// } else {

// let phraseComplete = String(i) + phraseOne + String(i) + phraseTwo + String(newNumCans) + phraseThree;

// console.log(phraseComplete);

// }

// }

// }

// While Loop

// let i = 0;

// while (i < 51) {

// console.log(i);

// i++;

// }

/\*

// Exercise if time ( 8 minutes )

// Write a while loop that does the following

// Counts down from 11 to 1

// If the number is 3 or 6 or 9. Print "Fizz";

// If the number is 5 or 10. Print "Buzz";

// Otherwise, print the number.

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let firstNum = 3;

let secondNum = 6;

let thirdNum = 9;

let strFizz = "Fizz";

let strBuzz = "Buzz";

let i = 11;

while (i>0) {

console.log("i is: ", i);

console.log("firstNum: ", firstNum);

if (i = firstNum || i = secondNum || i = thirdNum) {

console.log(i, strFizz);

}

i = i - 1;

}