



FUNCTIONS

JS

WHAT TO EXPECT



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Benefits of Functions

What are Functions?

- Reusable blocks of code that perform specific tasks.
- Take inputs (parameters) and produce outputs (return values).
- Make your code cleaner, more organized, and easier to maintain.



Creating Functions

```
function functionName(parameters) {  
    // code to be executed (function body)  
    return output;  
}
```

Creating Functions

```
function greet(name) {  
  const message = "Hello, " + name + "!";  
  return message;  
}
```

Executing Functions

```
const greeting = greet("Alice");  
console.log(greeting); // Output: Hello, Alice!
```

Assignment

Create a simple calculator accepting 2 numbers using JavaScript functions that operate within the console.



```
function calculator(operation, num1, num2 ) {  
  .....  
}
```

Benefits of Functions

- **Code reusability:** Use the same function multiple times with different inputs.
- **Improved readability:** Break down complex logic into smaller, well-defined functions.
- **Easier testing:** Test individual functions in isolation for better maintainability.
- **Selenium applications:** Create functions for common test actions, data handling, or assertions.





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See you in Next Video

