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## Introduction



**Function Basics** 

**Passing Information to Functions** 

**Function Return Values** 

**Function Scope** 

Adding Functions to Blackjack



## **Function Basics**



```
function showMessage() {
}
```



```
function showMessage() {
   console.log('in a function');
}
```



```
function showMessage() {
   console.log('in a function');
showMessage();
showMessage();
// the message is shown twice
```



# Passing Information to Functions



```
function showMessage(message) {
   console.log(message);
}
showMessage('First Message');
showMessage('Second Message');
```



```
function showMessages(message, anotherMessage) {
   console.log(message, anotherMessage);
}
showMessages('First Message', 'Second Message');
```



## Function Return Values



```
function triplePlus(value) {
   let newValue = value + value + value;
   return newValue;
}
console.log( triplePlus(3) ); // 9
```



# Function Scope



```
function triplePlus(value) {
   let newValue = value + value + value;
   return newValue;
triplePlus(3);
console.log( newValue );
// Reference Error: newValue is undefined
```



# Adding Functions to Blackjack



## Summary



#### **Functions**

- function name() { ... }

#### **Passing Information to Functions**

myFunction(a, b, c);

#### **Function Return Values**

- return value;

**Function Scope** 

Adding Functions to Blackjack

