Creating a Function with Parameters  
To create a function with parameters, you can use the following syntax:  
  
**function functionName(parameter1, parameter2, ...) {  
code block to be executed  
}**

Here is an example:  
  
**function addNumbers(a, b) {  
return a + b;  
}  
  
console.log(addNumbers(1, 2)); // Outputs 3  
console.log(addNumbers(3, 4)); // Outputs 7**

Creating a Function without Parameters  
To create a function without parameters, you can use the following syntax:  
  
**function functionName() {  
code block to be executed  
}**

Here is an example:  
 **function sayHello() {  
console.log("Hello!");  
}  
  
sayHello(); // Outputs "Hello!"**

Default Parameter Values  
You can also specify default values for parameters in case they are not provided when the function is called. This is done using the assignment operator (=). For example:  
  
**function greet(name = "User") {  
console.log("Hello, " + name + "!");  
}**  
  
**greet("John"); // Outputs "Hello, John!"  
greet(); // Outputs "Hello, User!"**