FUNCTIONS



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Functions are invented to exclude repeating the same code in many places.

Functions are the basic building blocks of the program.



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Function declaration

L Function expression



FUNCTION DECLARATION

```
1 function f() {
2    console.log('function was called');
3 }
```



Full NCTION EXPENSION FOR ESSION

```
1 var f = function () {
2    console.log('function was called');
3 }
```



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function



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```
1 function f() {
2    console.log('function was called');
3 }
4
5 f();
```



The result of th

```
1 var f = function () {
2    console.log('function was called');
3 }
4
5 f();
```



FUNCTION DECLARATION

```
1 f();
2
3 function f() {
4    console.log('function was called');
5 }
```



Fundamental Formula of the fundamental of the funda

```
1 f();
2
3 var f = function () {
4    console.log('function was called');
5 }
```



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```
1 var f = function (name) {
2    console.log(name);
3 }
4 f('Pitter');
```



TO ALL BACK DECLARATION

```
1 function f(cb) {
2    cb();
3 };
```



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```
1 f(function() {
2    console.log('first');
3 });
```



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```
1 var sum = function (a, b) {
2    return a + b;
3 }
4
5 var result = sum(1, 2);
```



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```
1 var f = function() {
2    return function() {
3         console.log('Hello from inner function');
4    }
5 }
6 f()();
```



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```
1 (function() {
2    var name = 'Pitter';
3    console.log(name);
4 })();
```



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```
1 var obj = {
2    method: function() {
3         console.log('function was called');
4    }
5 }
6 obj.method();
```



HERE GOES!



