# https://javascript.info/coding-style

**A space between parameters**

**No space**
**between the function name and the bracket**
**between the bracket and the parameter**

**Figure bracket {**
**on the same line, after a space**

**Indentation**
**2 spaces**

**Spaces**
**around operators**

**A space**
**after for/if/while...**

**A semicolon ;**
**is mandatory**

**A space**
**between**
**parameters**

**An empty line**
**between logical blocks**

**Lines are not very long**

**} else { without a line break**

**Spaces around a nested call**

```javascript
function pow(x, n) {
  let result = 1;

  for (let i = 0; i < n; i++) {
    result *= x;
  }

  return result;
}

let x = prompt("x?", "");
let n = prompt("n?", "");

if (n < 0) {
  alert(`Power ${n} is not supported,
    please enter an integer number, greater than 0`);
} else {
  alert( pow(x, n) );
}
```
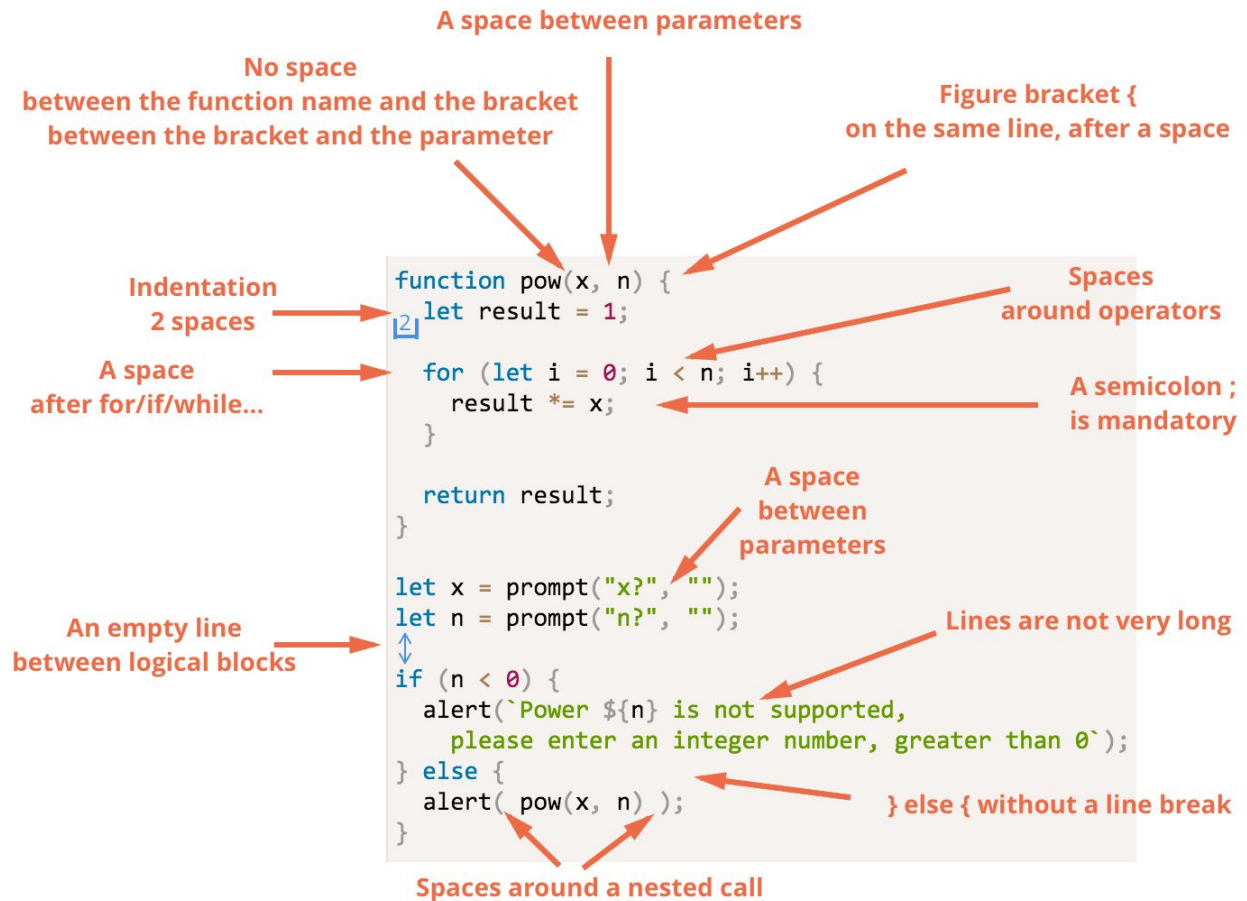
# Contents

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## General

In general, we want to follow the Google Style guidelines. The following are just some things of note.

## Comments

- // Comments have a space in between the // and the first letter

## Naming

- Acronyms

- ○ Acronyms like USA or SSN should only have their first letter capitalized if it is an inner word.
    - ■ E.g. userSsn, getUid, fromUsaToChina
- Variables
  - ○ In general, variable names be descriptive, unless there are generally known conventional variables.

- Objects
  - ○ Xml objects and Android widgets should be prefixed by their type
    - ■ E.g. buttonRegister, textViewTitle, editTextName
- Functions
  - ○ All functions should be camel-cased.
    - ■ E.g. getDisplayName()

## Loops

- Favor for-each loops for performance whenever possible.
  - ○ E.g.
```
int sum = 0;
for (Foo a : mArray) {
    sum += a.mThing;
}
```

## Layout

- Activities
  - ○ Order Lifecycle methods in order of Lifecycle:
    - ■ onCreate
    - ■ onStart
    - ■ onResume
    - ■ onPause
    - ■ onStop
    - ■ onDestroy
  - ○ Have Lifecycle methods before your methods
  - ○ Have your navigation methods in separate section below your other methods above the callbacks
    - ■ They should be called "goTo_____Activity"
  - ○ Have callbacks at the bottom of the activity sourcecode