

Do-while

↳ Exit control

```
Dowhile.js > [e] number
1 let number = 100;
2 do {
3   console.log(number);
4   number++;
5 } while (number <= 10);
6
```

↳ time

JS Switch.js > ...

```
1  let key = '-';
2  let number1 = 10;
3  let number2 = 20;
4  let res = 0;
5  switch (key) {
6      case '+':
7          res = number1+number2;
8          break;
9      case '-':
10         res = number1-number2;
11         break;
12     default:
13         break;
14 }
15
16 console.log("Res=",res);
```

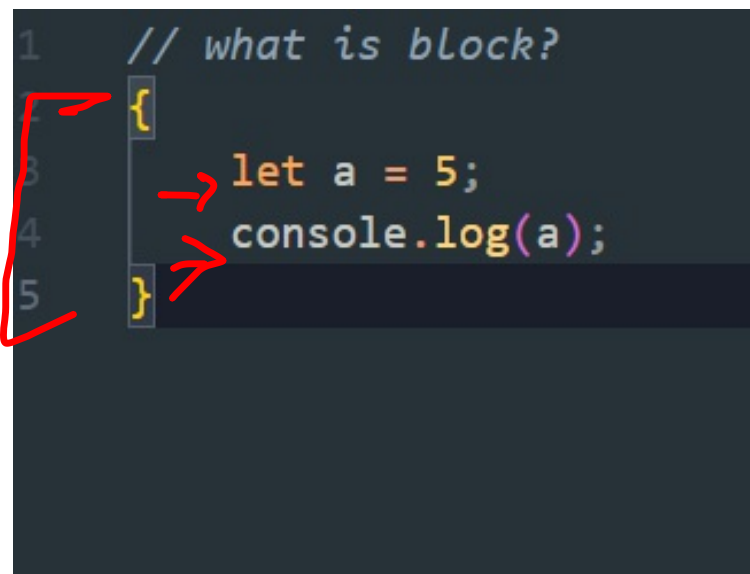
```
JS Pal.js JS Downfile.js JS Switch.js X
JS Switch.js > ...
1 let key = '/';
2 let number1 = 10;
3 let number2 = 20;
4 let res = 0;
5 switch (key) {
6     case '+':
7         res = number1+number2;
8         console.log("Res=",res);
9         break;
10    case '-':
11        res = number1-number2;
12        console.log("Res=",res);
13        break;
14    default:
15        console.log("Enter right choice");
16 }
17
18
```

primitive



→
for (i = 5; i < 10; i++)
{
 if (i == 5) {
 break;
 }
}

What is Block?



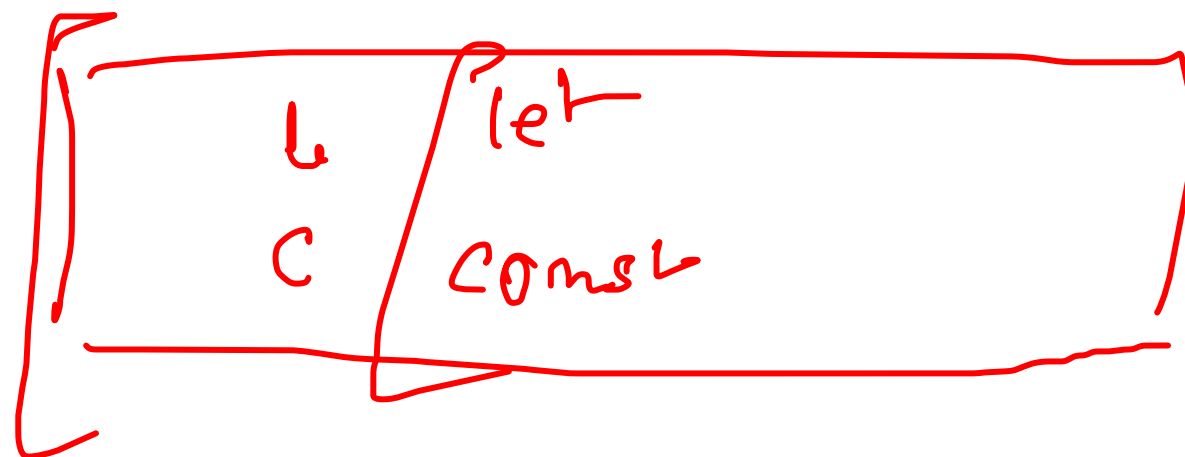
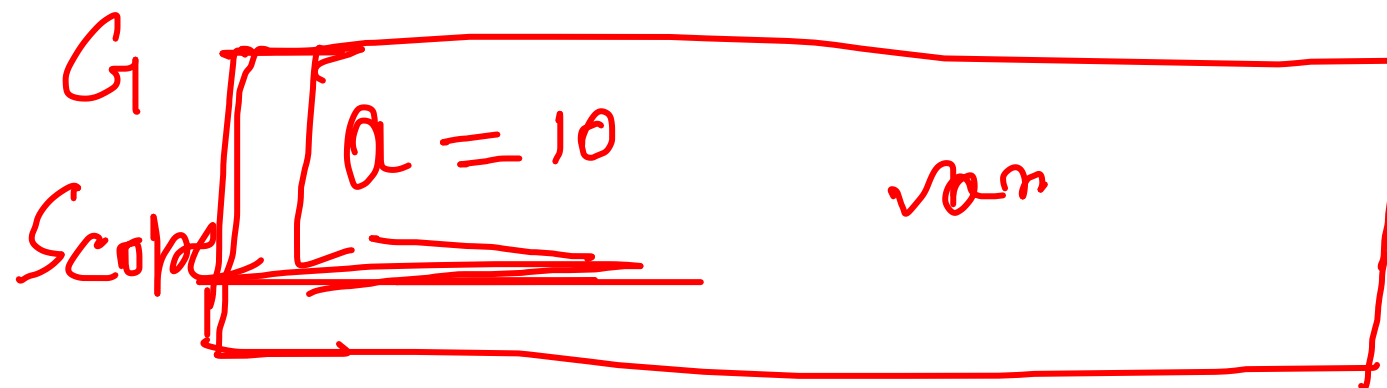
```
1 // what is block?
2 {
3   -> let a = 5;
4   -> console.log(a);
5 }
```

Block is group of code
Block is used to grouping
multiple statements

Compound Statement

```
{
  var a = 10;
  let b = 20;
  const c = 30;
  console.log(a); // 10
  console.log(b); // 20
  console.log(c); // 30
}

console.log(a); // 10 ✓
console.log(b); //
console.log(c); //
```



L Scope

Shadowing

```
36 var a = 1;
37 let b = 2;
38 const c = 3;
39 {
40   var a = 10;
41   let b = 20;
42   const c = 30;
43   console.log(a); // 10
44   console.log(b); // 20
45   console.log(c); // 30
46 }
47
48 console.log(a); // 10
49 console.log(b); // 2
50 console.log(c); // 3
```

Shadow
Local Shadow

G

~~a = 1~~ b = 2 c = 3

L

b = 20 c = 30

Illegal Shadowing

```

{
  {
    id:
    fname:
    lname:
    post: "Hello"
    like: 50
    dislike: 5
    share: 3
    comment: [
      { id:
        fname:
        lname:
        body:
        like:
        dislike:
        report:
      },
    ],
  },
  report:
]

```

→ 10 post

① print All User [fname, lname]

② Print All post

③ Print post

↳ ① (like > 50)

↳ ② report < 5 && dislike > 10

④ Print All Comments of 9th post ^{id}

⑤ Print Post → highest like
 ↳ highest dislike
 ↳ ~ report

⑥ Delete post who got report > 10