



Front-end development: Tricky Parts

JavaScript – closures

The following exercise contains the following subjects:

- closures

Instructions

Without running the code below, explain in your own words what the result of each block of code will be and why.

Block 1

```
var b = 1;
function someFunction(number) {
  function otherFunction(input) {
    return b;
  }
  b = 5;
  return otherFunction;
}
var firstResult = someFunction(9);
var result = firstResult(2);
```

Block 2

```
var a = 1;
function b2() {
  a = 10;
  return;
  function a() { }
}
b2();
console.log(a);
```

Block 3

```
let i;
for (i = 0; i < 3; i++) {
  const log = () => {
    console.log(i);
  }
  setTimeout(log, 100);
}
```