Function

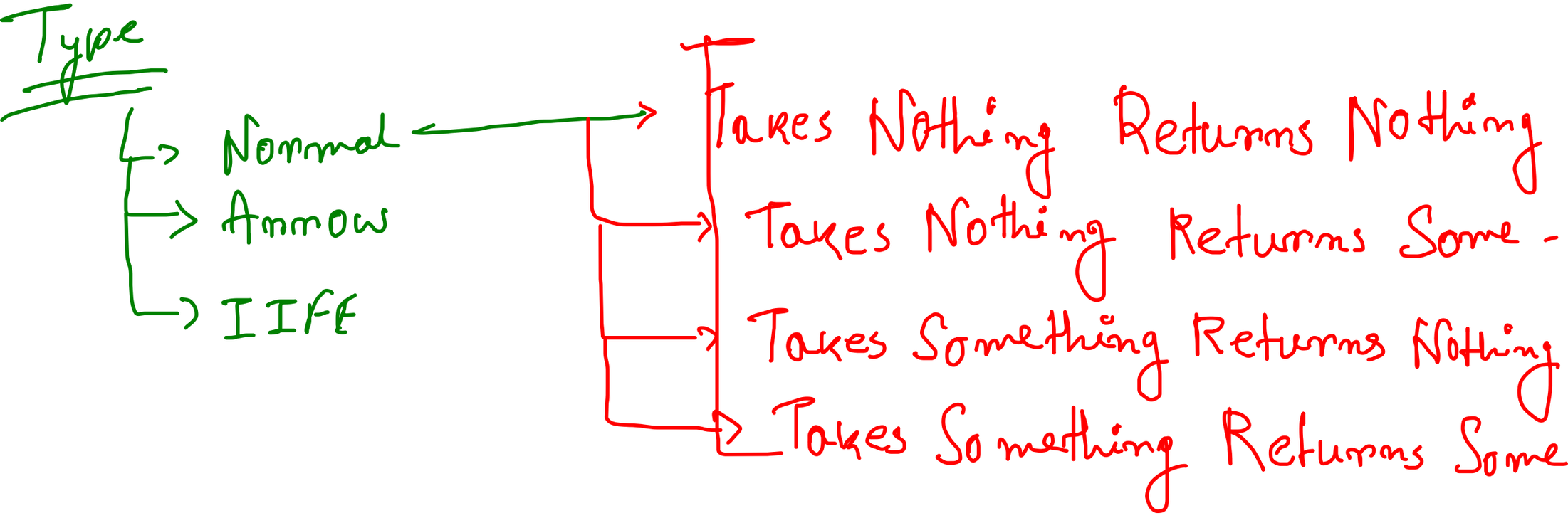
Block of code or chunk of code

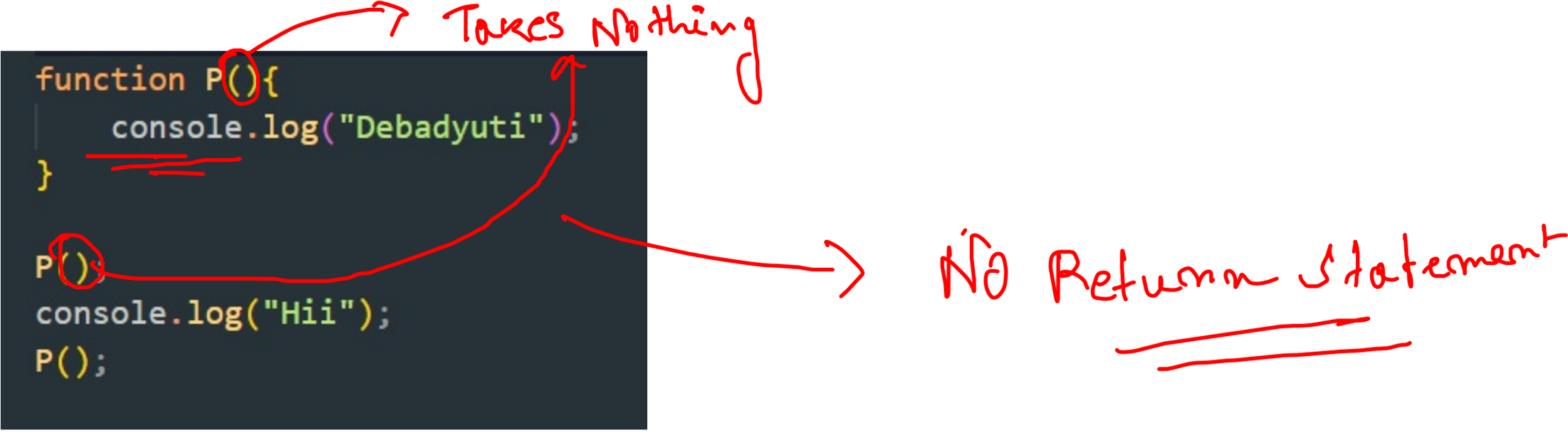
Group of code

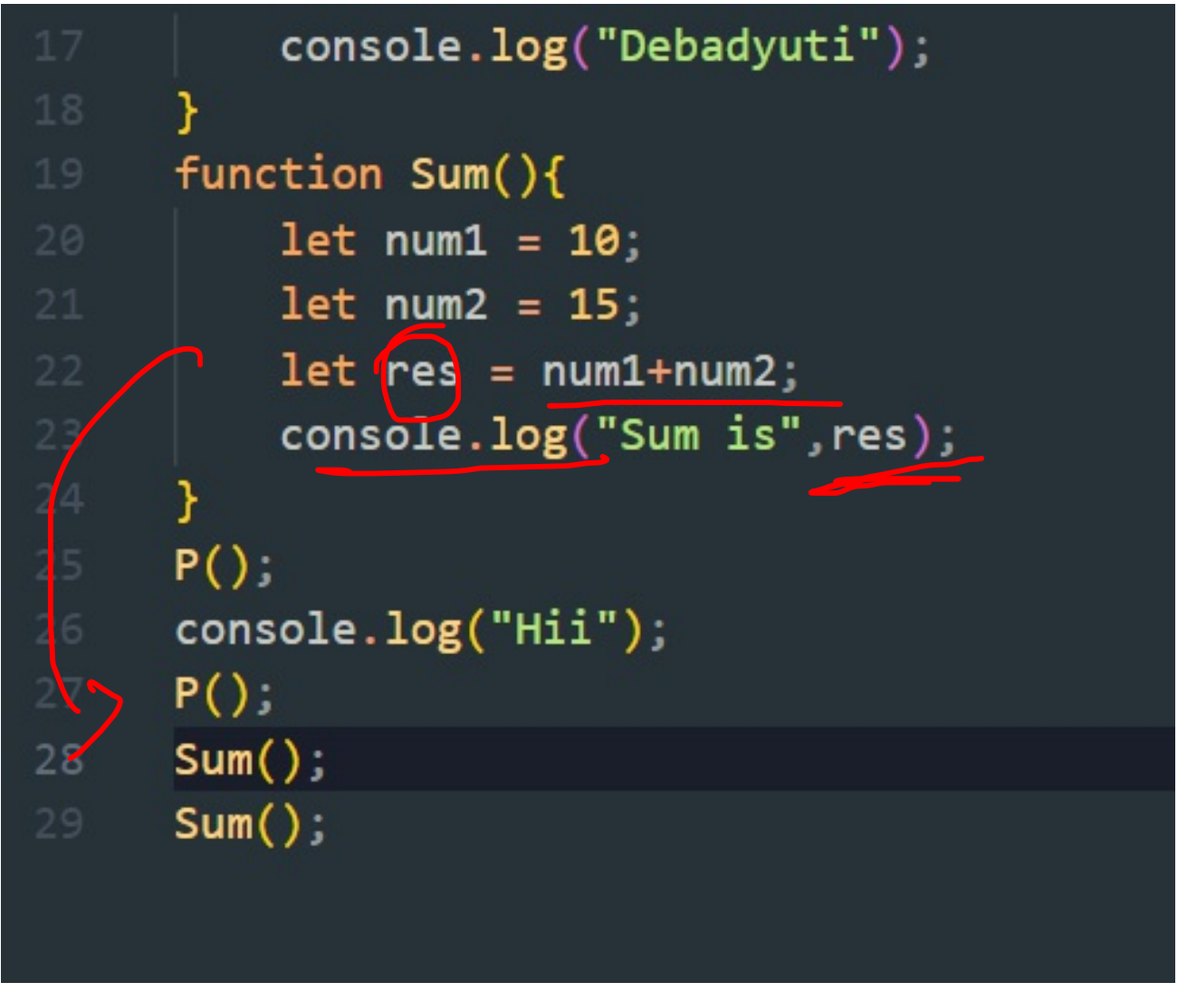
- Predefine
  - push
  - pop
- User define

Why?

DRY

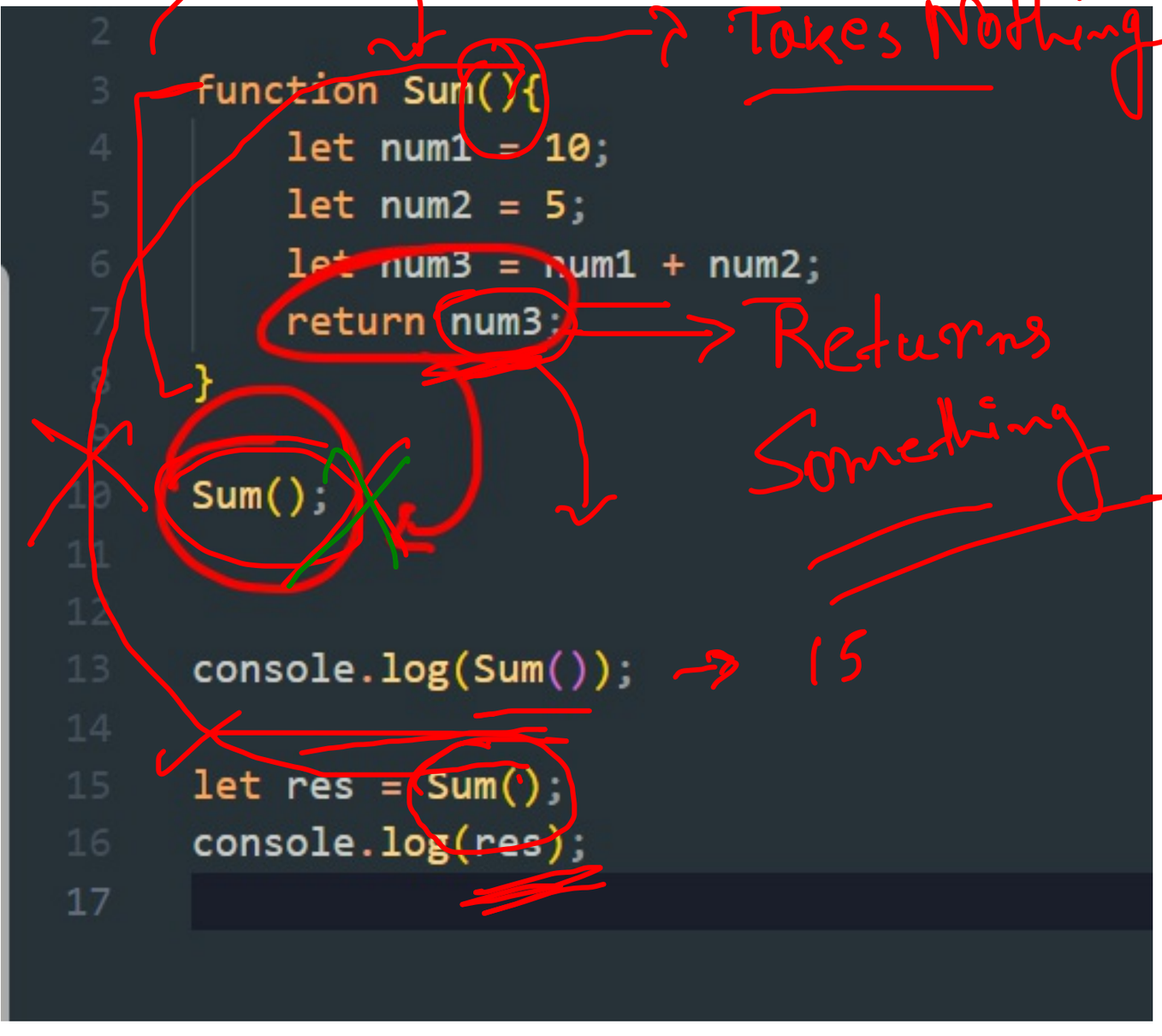

Type
Normal
Arrow
IIFE
Takes Nothing Returns Nothing
Takes Nothing Returns Some
Takes Something Returns Nothing
Takes Something Returns Some

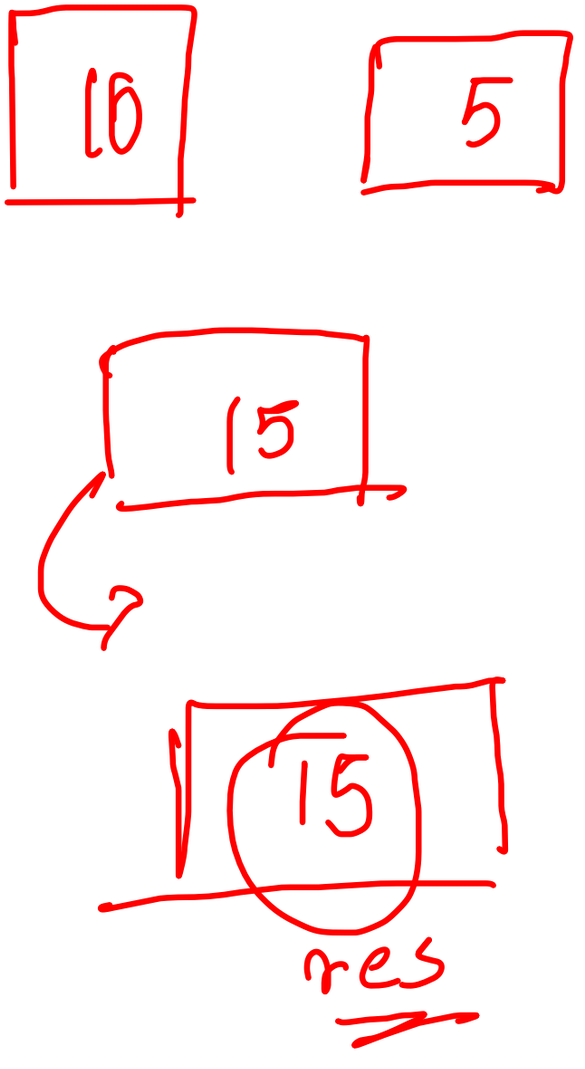

Takes Nothing
function P(){
console.log("Debadyuti");
}
P();
console.log("Hii");
P();
No Return Statement

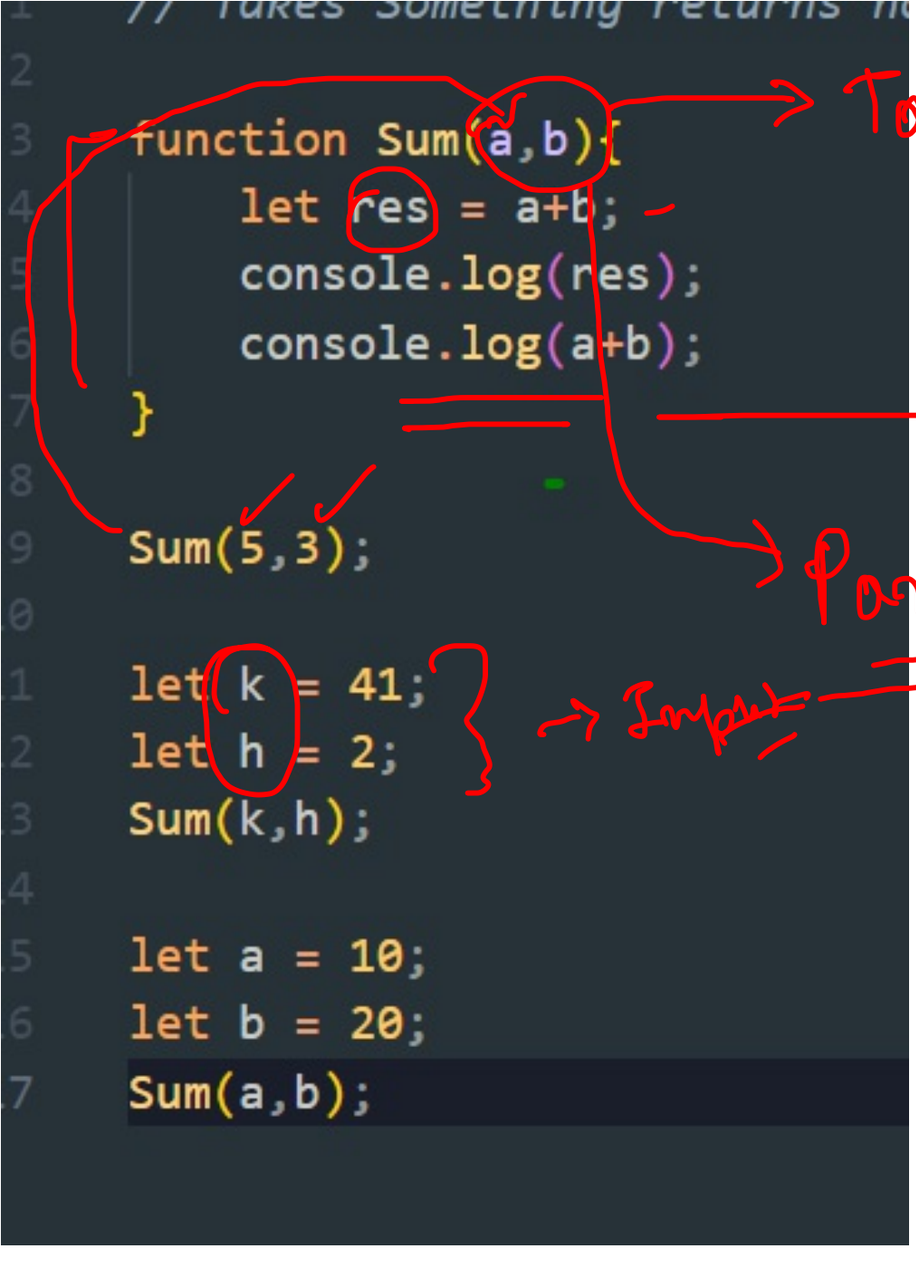


```
17      console.log("Debadyuti");
18  }
19  function Sum(){
20      let num1 = 10;
21      let num2 = 15;
22      let res = num1+num2;
23      console.log("Sum is",res);
24  }
25  P();
26  console.log("Hii");
27  P();
28  Sum();
29  Sum();
```

console.log(n1+n2);


function Sum(){
let num1 = 10;
let num2 = 5;
let num3 = num1 + num2;
return num3;
}
Sum();
console.log(Sum());
let res = Sum();
console.log(res);
Takes Nothing
Returns Something
15


10
5
15
15
res



Takes Something

No Return Statement

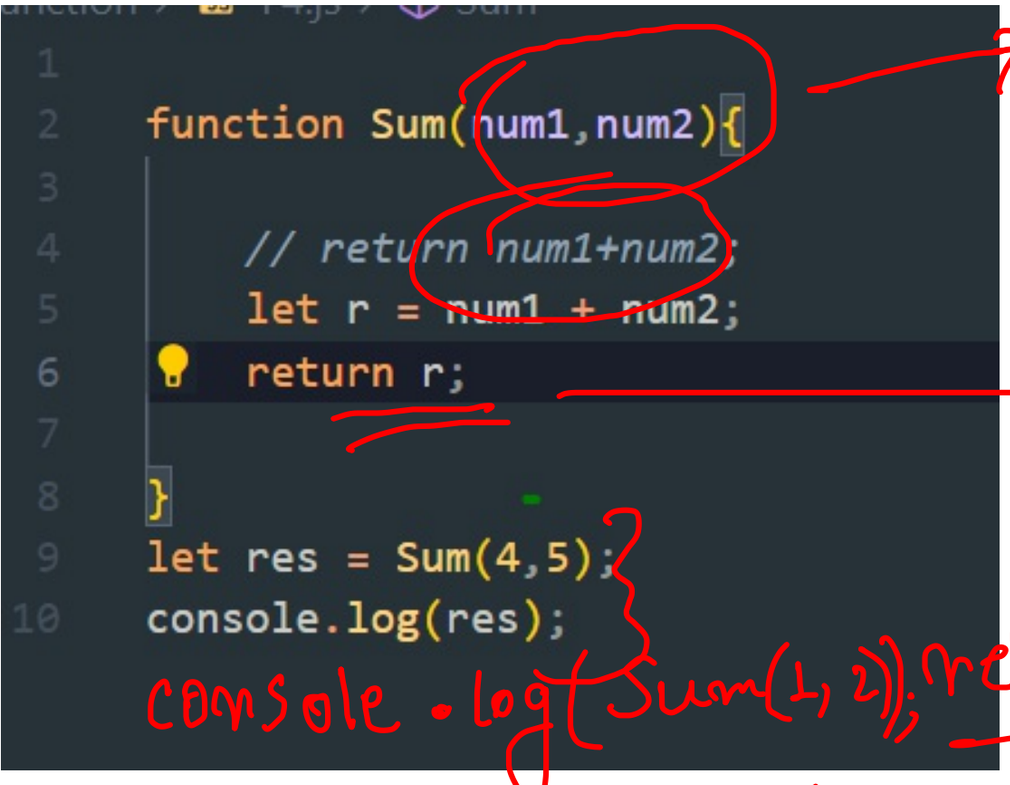
Parameter

Input

push 3

res → Output

Input → a, b



Takes Something

Returns Something

console.log(Sum(1,2)); returning R : X

(1) return k L m n; X

Object

↳ key value

key value

a : 5