In JS there are two types of Memory is available

1. Stack ---> Used in Primitive data type

When a Stack memory is used then when if we declare a variable then it will give us the copy of that variable.

2. Heap ---> Used in Non-Primitive data type

When a Heap memory is used then when if we declare a variable then it will give us the reference i.e. Address of that variable.

```
// Primitive Data type
```

```
let name = "Aditya Kumar"

let anotherName = name

anotherName = "Aditya Kashyap"

console.log(name) // Aditya Kumar

console.log(anotherName) // Aditya Kashyap

// Non - Primitive Data type
```

```
let userOne = {
    email: "user@example.com",
```

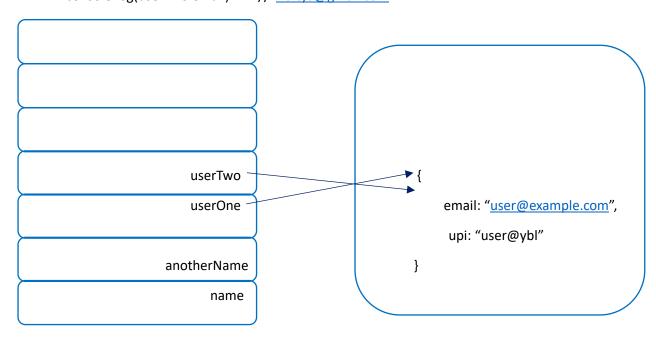
upi: "user@ybl"
}

let userTwo = userOne

userTwo.email = "Aditya@gmail.com"

console.log(userOne.email) // Aditya@gmail.com

console.log(userTwo.email) // Aditya@gmail.com



Stack Heap