

## ❖ 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
```

