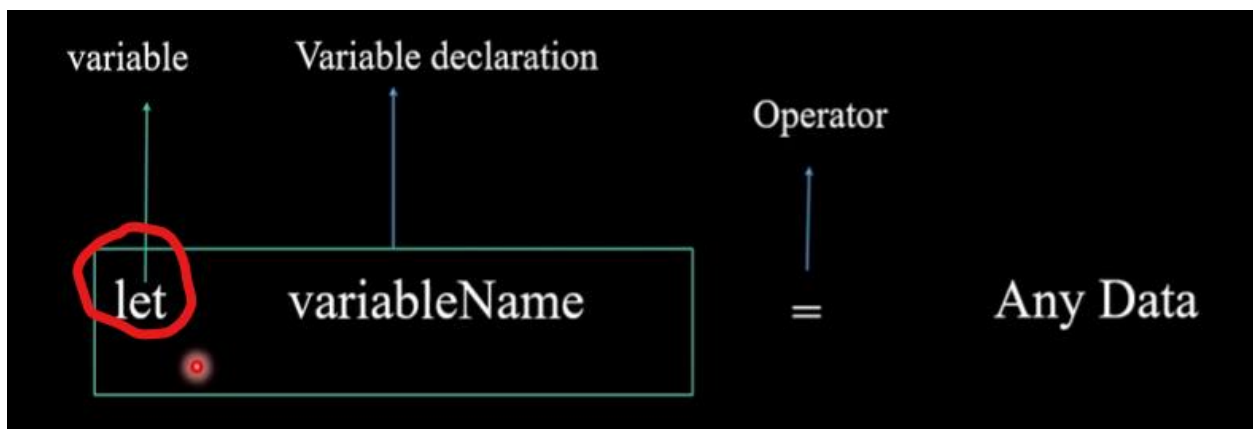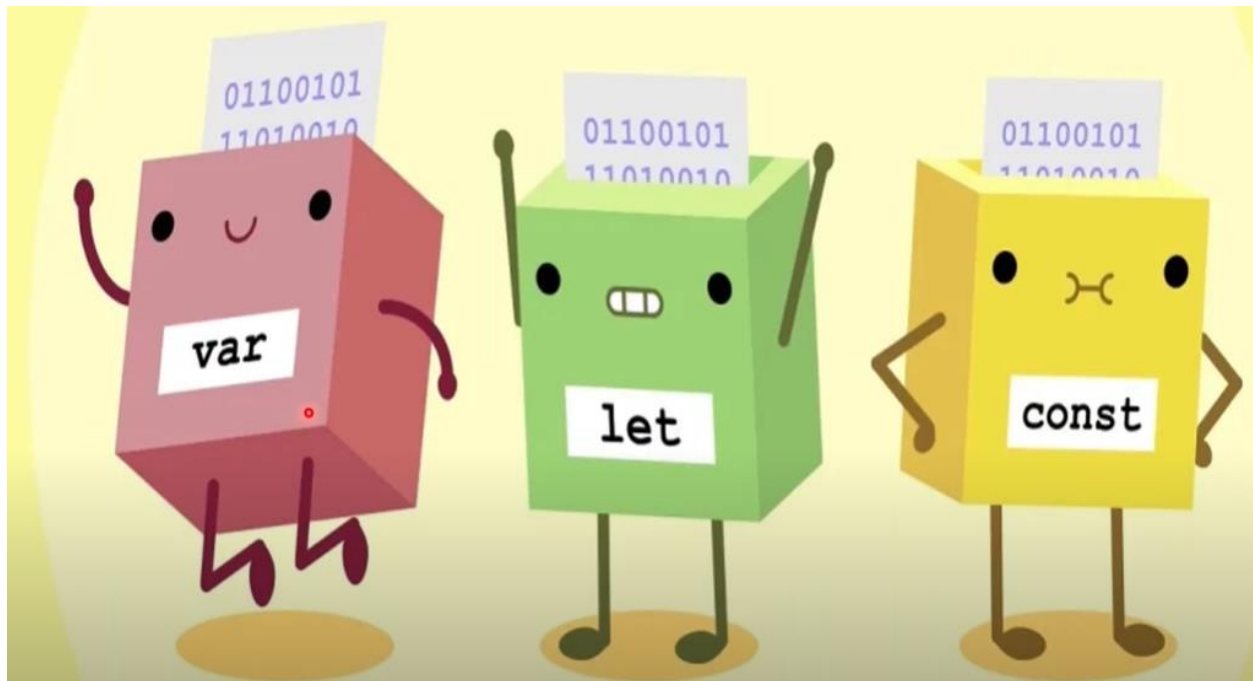# VAR VS LET VS CONST

1 DECLARATION

```
18.VarLetConst.js > ...
    //DECLARATION

    var name1 = "N V V VARSHITH";
    console.log(name1);

    let name2 = "LPU";
    console.log(name2);

    const name3 = "CSE";
    console.log(name3);
```

```
[Running] node "g:\WEB JAVASCRIPT PRACTICE\18.VarLetConst.js"
N V V VARSHITH
LPU
CSE

[Done] exited with code=0 in 1.031 seconds
```

2 REDECLARATION

```javascript
var name1 = "N V VARSHITH";
var name1 = "N V HARDIK";
console.log(name1);
```

```
[Running] node "g:\WEB JAVASCR
N V HARDIK
```

REDECLARATION IS POSSIBLE FOR VAR

```javascript
let name2 = "N V V VARSHITH";
let name2 = "N V HARDIK";
console.log(name2);
```

REDECLARATION IS NOT POSSIBLE FOR LET WE WILL GET AN ERROR IF WE WERE TRYING REDECLARE IT

```javascript
const name3 = "N V V VARSHITH";
const name3 = "N V HARDIK";
console.log(name3);
```

REDECLARATION IS NOT POSSIBLE FOR CONST WE WILL GET AN ERROR IF WE WERE TRYING REDECLARE IT

3 REASSIGNMENT

```
var name1 = "N V VARSHITH";
name1 = "N V HARDIK";
console.log(name1);
```

```
[Running] node "g:\WEB JAVASCRIPT PRACTICE\18.VarLetConst.js"
N V HARDIK

[Done] exited with code=0 in 0.228 seconds
```

REASSIGNMENT IS POSSIBLE FOR VAR

```
let name2 = "N V V VARSHITH";
name2 = "N V HARDIK";
console.log(name2);
```

```
[Running] node "g:\WEB JAVASCRIPT PRACTICE\18.VarLetConst.js"
N V HARDIK
```

REASSIGNMENT IS POSSIBLE FOR LET

```
const name3 = "N V V VARSHITH";
name3 = "N V HARDIK";
console.log(name3);
```

REASSIGNMENT IS NOT POSSIBLE FOR CONST . WE WILL GET AN ERROR IF WE TRYING TO REASSISGN

4) BLOCK / GLOBAL

VAR IS GLOBAL VARIBLE

```
if (true) {
  var name1 = "SARANAM AYYAPPA";
}
console.log(name1);
```

```
[Running] node "g:\WEB JAVASCRIPT PRACTICE\18.VarLetConst.js"
SARANAM AYYAPPA
```

LET IS BLOCK VARIBLES

```
if (true) {
  let name1 = "SARANAM AYYAPPA";
}
console.log(name1);
```

HERE WE WILL GET ERROR BECAUSE WE CANT USE name1 out side of block

To get out put we have to like this

```
if (true) {
  let name1 = "SARANAM AYYAPPA";
  console.log(name1);
}
```

```
[Running] node "g:\WEB JAVASCRIPT PRACTICE\18.VarLetConst.js"
SARANAM AYYAPPA
```

CONST IS SAME AS LET