+= VS =+

In JavaScript

What is += ?

The JavaScript **+=** operator takes the value from the right of the operator and adds it to the variable on the left.

```
1  let age = 20
2
3  age += 1
4
5  console.log(age)  // 21
```

Example of += ?

```
1 let age = 20;
2
3 age = age + 1
4
5 console.log(age)  // 21
```

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```
1 let age = 20
2
3 age += 1
4
5 console.log(age)  // 21
```
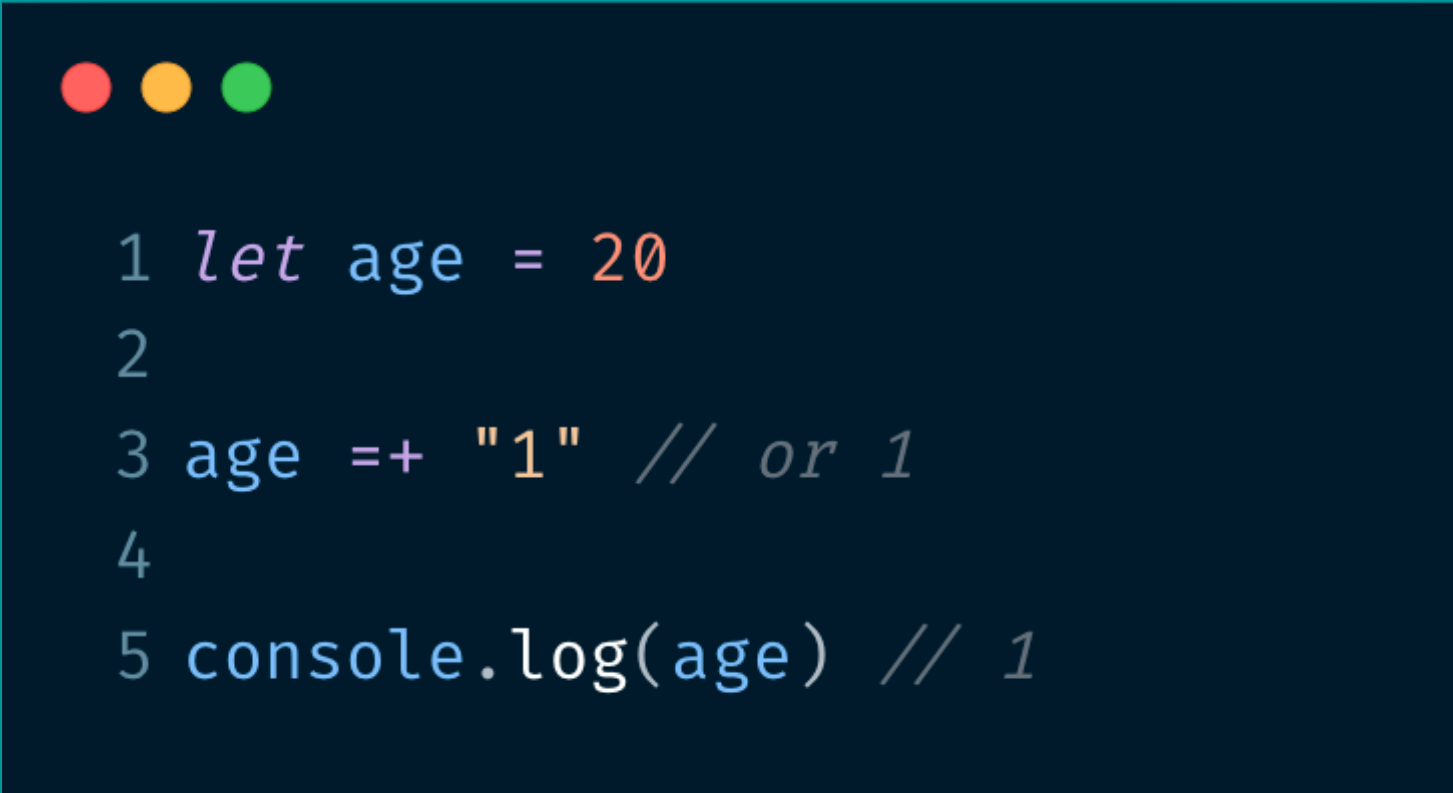
```
1 let greet = "Hello"
2 let who = " Mariam"
3
4 greet += who
5
6 console.log(greet)  // "Hello Mariam"
```

What is =+ ?

The JavaScript **=+** operator converts the right value into a number and assign it to the variable on the left.

This is referred to as **Unary** in Math.

```
1 let age = 20
2
3 age =+ "1"  // or 1
4
5 console.log(age)  // 1
```

Examples of =+ ?

```
1 let age = 20
2
3 age =+ 1 // or "1"
4
5 console.log(age) // 1
```

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```
1 let age = 20
2
3 age = +1 // or "1"
4
5 console.log(age) // 1
```

```
1 let greet = "Hello"
2 let who = " Mariam"
3
4 greet =+ who
5
6 console.log(greet) // NaN
```
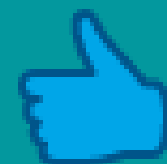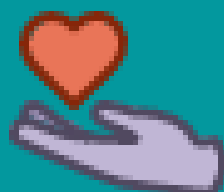
Excercise

What is the output

```
1 let height = 0 + 3;
2
3 height += 10 + 2;
4
5 console.log(height) // output?
```
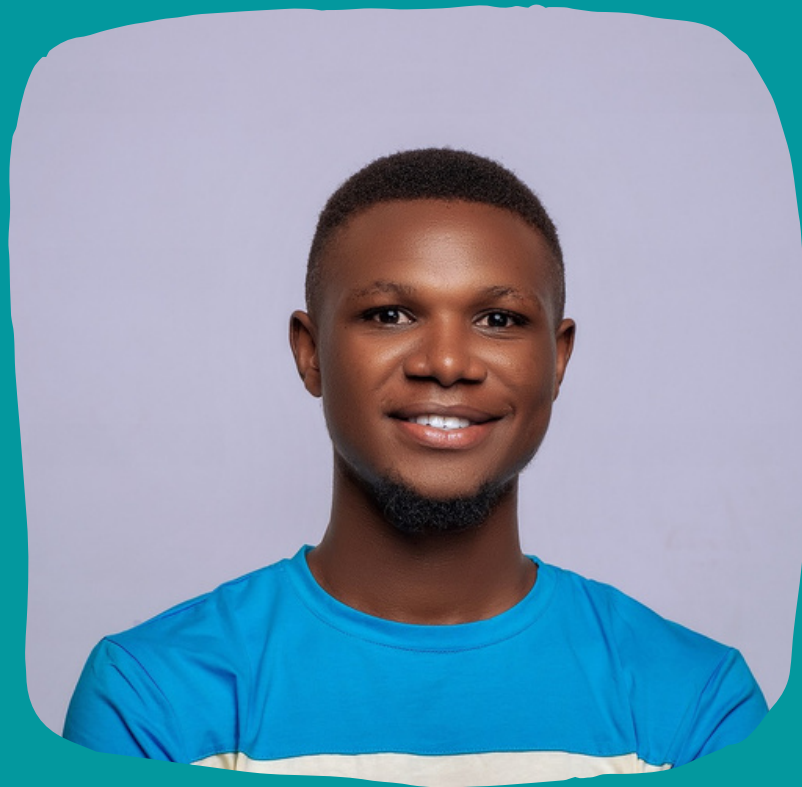
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