

Grace Bulwana

1. Java Script is a programming language that is primarily used to create web pages which are responsive and engaging. Java Script allows developers to control pages behavior and it responds to users actions and update the content without reloading the whole page.

2. -Var name= " Grace"

- let y= 30;

-Const is active= true;

```
3. functions greet() {  
  console.log ( " Welcome to my web")  
}
```

```
4. let fruits = ["apples" , "banana" , "orange"];  
  Console.log(fruits[1]);
```

```
5. for ("let i = 1; i <=5; i++");{  
  document.write(i);  
}
```

```
6. let a = 11;  
  let b = 12;
```

```
  If ("a > 10 && b > 10") {  
    alert ("true");  
  }else {
```

```
    alert("false");  
  }
```

```
7. let number = 2;  
  If ( number < 5 // num > 20");{  
    alert ( true);  
  } else{  
    alert ("false");
```

```
8. let car = {  
  brand: "Toyota";  
  Year: 2020;  
  alert ( car, brand);
```

```
9. let numbers = new Set([1, 2, 2, 3]);  
  for (let num of numbers) {  
    console.log(num);  
  }
```

```
10. let num1 = 4;
```

```
let num2 = 5;  
let product;  
  
if (true) {  
  product = num1 * num2;  
}  
  
alert(product);
```