

1. Declare four variables without assigning values and print them in the console?

→ let a=[];

→ let b=[];

→ let c=[];

→ let d=[];

output

❖ console.log(a); []

❖ console.log(b); []

❖ console.log(c); []

❖ console.log(d); []

2. How to get the value of the variable myvar as output?

```
var myvar = 10;
```

```
console.log(myvar);
```

3. Declare variables to store your first name, last name, marital status, country, and age in multiple lines?

● let firstName = [];

● let lastName = [];

● let maritalstatus = [];

- `let country = [];`
- `let age = [];`

4. Declare variables to store your first name, last name, marital status, country, and age in a single line?

```
let firstName = []; let lastName = []; let maritalstatus = []; let country = [];  
let age = [];
```

5. Declare variables and assign string, boolean, undefined and null data types?

String: `var b = "Hi there!";`

Boolean: `var a = 2, b = 5, c = 10;`

```
alert(b > a) // Output: true
```

```
alert(b > c) // Output: false
```

undefined: `var a;`

```
console.log(a) // Output: undefined
```

null: `var a = null;`

```
console.log(a); // Output: null
```

6. Convert the string to integer?

- ★ let a = "5";
 - ★ let b = "6";
 - ★ let c = "7";
1. console.log(parseInt(a)); //parseInt()
 2. console.log(Number(b)); //Number()
 3. console.log(+c); //Plus sign(+)

7. Write 6 statement which provide truthy & falsy values?

- ❖ Truthy values are **values that evaluate to True in a boolean context**. Falsy values are values that evaluate to False in a boolean context. Falsy values include empty sequences (lists, tuples, strings, dictionaries, sets), zero in every numeric type, None, and False.
- ❖ A falsy (sometimes **written falsey**) value is a value that is considered false when encountered in a Boolean context. JavaScript uses type conversion to coerce any value to a Boolean in contexts that require it, such as conditionals and loops.
- ❖ **True is adjective** and Truth is noun. So when you say "it's true" it means that you're agreeing the information is true. And when you say "it's the truth" it means that you are confirming or accepting that the information given is the truth.
- ❖ An easy way of checking if a value is truthy or falsy is **by passing it to the Boolean constructor function**.
- ❖ Conclusion. Because Array is type of object , the fact that an **empty Array is conversed to true** is correct. ... array code can be changed bool = array == false.