1.1 What are var & const in JS?

- var and const can be used for variable declaration and initialization.

1.2 What are the differences between let and var?

|  |  |
| --- | --- |
| Let | var |
| not re-declared. | Can be re-declared |
| Let is block scoped (in curly braces) | var declarations are globally scoped or function/locally scoped. |
| Let variables are not initialized when hoisted to the top of the scope. | Var variables are initialized with undefined when hoisted to the top of the scope. |

1.3 What are the differences between let and const?

|  |  |
| --- | --- |
| Let | const |
| Can be updated. | Cannot be updated. |
| Can be declared without being initialized. | Must be initialized during declaration. |

1.4 What to use in what cases?

2.1 What is Boolean?

- Boolean is a primitive data type commonly used in computer programming languages. By definition, a boolean has two possible values: true or false.

2.2 What results in Boolean?

- There are only a few val that will be coerced to false:

+ false

+ null

+ undefined

+ NaN

+ 0

+ “or””(empty string)

- All other val will be coerced to true.