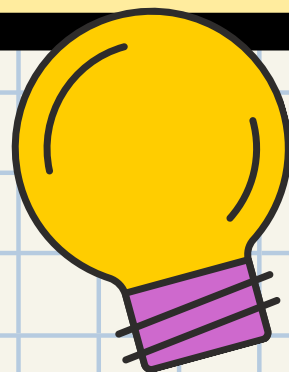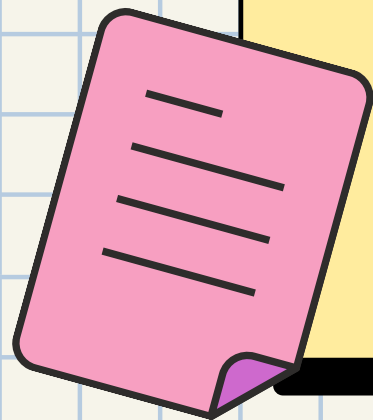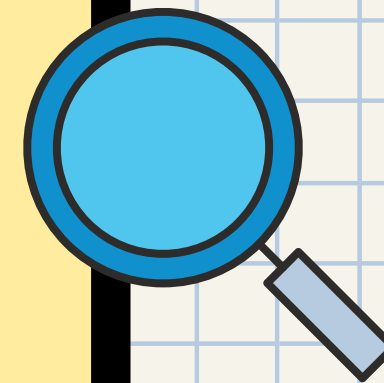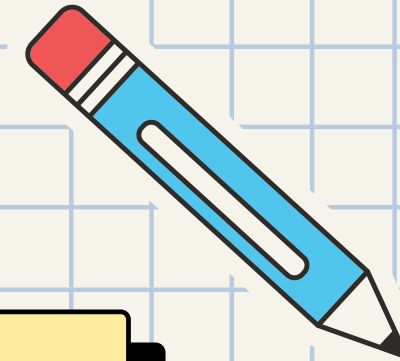Data Types in Javascript

Data Types

A data type, in programming, is a classification that specifies which type of value a variable has and what type of mathematical, relational or logical operations can be applied to it without causing an error.

- **String**
- **Number**
- **Boolean**
- **Undefined**
- **Object**

Javascript Type Conversion

Important Notes

1. JavaScript considers 0 as false and all non-zero numbers as true. And, if true is converted to a number, the result is always 1.
2. String() takes null and undefined and converts them to string.
3. In JavaScript, undefined, null, 0, NaN, " converts to false. All other values give true.

- **Number()**
- **String()**
- **Boolean()**

Javascript Type Conversion

Value	String Conversion	Number Conversion	Boolean Conversion
1	"1"	1	true
0	"0"	0	false
"1"	"1"	1	true
"0"	"0"	0	true
"ten"	"ten"	NaN	true
true	"true"	1	true
false	"false"	0	false
null	"null"	0	false
undefined	"undefined"	NaN	false
"	""	0	false
' '	" "	0	true