1. How to check a variable’s type?

The best way is to use the “typeof” keyword.

The typeof operator maps an operand to one of six values: "string", "number", "object", "function", "undefined" and "boolean". The “instanceof” method tests if the provided function's prototype is in the object's prototype chain.

1. In what cases, you will get ***SyntaxError*** from the compiler telling you that some of your variables have **invalid names**? Can you give 3 different examples of **invalid names**?

* An identifier is an identifiername that is not a reservedword
* Reserved word is described to four group: keywords, future reserved words, null literals and boolean literals
* Non-reserved words that act like reserved words

## Valid identifier names

* An identifier must start with $, \_, or any character in the Unicode categories [“Uppercase letter (Lu)”](https://codepoints.net/search?gc=Lu), [“Lowercase letter (Ll)”](https://codepoints.net/search?gc=Ll), [“Titlecase letter (Lt)”](https://codepoints.net/search?gc=Lt), [“Modifier letter (Lm)”](https://codepoints.net/search?gc=Lm), [“Other letter (Lo)”](https://codepoints.net/search?gc=Lo), or [“Letter number (Nl)”](https://codepoints.net/search?gc=Nl).

Examples of invalid names: delete, null, true