**JAVASCRIPT IF STATEMENTS & DO WHILE LOOP**

|  |  |
| --- | --- |
| **Arithmetic operators** | |
| **===** | Equal to |
| **>** | Greater than |
| **<** | Less than |
| **>=** | Greater than or equal |
| **<=** | Less than or equal |
| **!=** | Not equal |
| **Logical operators** | |
| **&&** | Evaluates to true when both conditions return true |
| **||** | Evaluates to true when only one condition returns true |

**NOTE:** use either the **+** sign to *concatenate* the variables or if you prefer, use *template literals -* the back ticks **``** they’reto the left of the number **1** on the keyboard

Create a new file in the editor of your choice and name it ***selection.html*** – add the **<script>** tags in the appropriate place

1. **Collect the users name and then their age:**

**IF** they are **17** or above, they can apply for a driving licence

**IF** they are below **17** the need to apply for a provisional licence

1. Restructure the above app using ***logical operators*** and a ***do while loop*** and display appropriate messages: -
   1. **IF** the user incorrectly inputs a number above ***100*,** or less than ***zero*** they should be told to re-enter their age (*do while loop*)
   2. **IF** the users age is above or equal to **17** and less than or equal to **75,** they are eligible to apply
   3. **IF** the users age is below **17,** they are too young to apply,
   4. **IF** the users age is equal to **16,** they can apply next year
   5. **IF** the user is above **75** but less than **100,** they are too old to apply
   6. The user should only be allowed to enter numbers