CISC 3300 S25
In class assignment 8

1. In certain programming languages the source code is not directly translated by the target machine. Instead, a different program, called the **interpreter**, reads and executes the code. This is called an Also just so yk it's your week to do the garbage&recycling <3 (you can also just look at the whiteboard also **interpreted** language.

2. Type checking is performed at runtime, means that the type of a variable is allowed to change over its lifetime, this is called **dynamic** typing.

3. The automatic conversion of values from one data type to another is called **type**

juggling

4. **Variables** are mutable and hold references to objects stored in memory. 5. **Strict**

equal Checks if two values are equal without type coercion.

6. Create a webpage that has a JavaScript component. In that Javascript component: 1. Add a string and a number together, console.log and explain the output. 2. Run the output of the Number() function twice, once with a true boolean and once with a false boolean, console.log and explain the output.
   3. Run the output of the Boolean() function on 1, 0, and a string "0", console.log and explain the output.

4. Please take a screenshot of your browser console with the output from 1-3.