A screenshot of a computer

Description automatically generated

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These two lines of code are different because the first code does the event from the JS immediately on open/run. It opens a window alert. The second example has an “onclick” attribute which means the script does not run until the button is clicked by the user. It is then printed underneath the button instead of in a window since the script is not calling for a window.alert.

The best control structure between if, else, and else if really boils down to what you need it for. If you checking for a conditional and don’t want anything to happen if the conditional is not true, then an “if” statement is all you need. If you want to check for a conditional between two different conditions, then the “if else” statement is needed. If you want to check between three or more different conditions then the “else if” statement is needed however many times until all conditions that are being checked are met. It’s best to use the else if statements if using more than 3 conditions because it looks better and less likely for errors like using multiple “if” statements.