

Intro to Coding Lesson 4 - If Statements

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| **Mild - perfect for beginners** |

1. Create a variable named “num\_trigger” and set it equal to 1.
2. Create an if statement that asks if “num\_trigger” is equal to 1, then prints out “num\_trigger is 1”.
3. Add an else to the if statement that you just made that isn’t conditional and have the program print out “I didn’t catch the trigger” inside of the else statement.
4. Change “num\_trigger” to equal 2 and run your program.
5. Add an elif statement which catches the “num\_trigger” equals 2 case. Have the program print out “num\_trigger is 2” in that case.
6. Make your program catch two more numbers and print out what the num\_trigger equals.

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| **Medium - expanding your skills** |

1. Create a variable named “num\_trigger” and have the user set a number for “num\_trigger”
2. You will be creating 3 ‘If - Then - Else’ statements
   1. The first will be if the users Answer < 0.
   2. The second will be if the users Answer > 0.
   3. The third will be if the users Answer = 0.
3. If the Users Answer is less than 0 it should say “Your answer is negative!”
4. If the Users Answer is greater than 0 it should say “Your answer is Positive!”
5. If the Users Answer is equal to 0 it should say “Your answer is neither positive or negative!”
6. Fill out your else statement accordingly.

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| **Spicy - looking for a challenge?** |

1. Ask the user for a number 1-10, if the user doesn’t input a number 1-10 have the program ask for a number again.
2. Have the program count up to the number input by the user, outputting each number until the number input by the user is reached.