

INSTRUCTIONS: - Write if statements for the following conditions.

In-Class Exercise#1 (Save As: `if_logical1.py`):

- Choose descriptive variable names.
 - Include suitable prompts for all inputs.
 - Write if statements to test for and handle all possible set of inputs.
 - Label all outputs appropriately.
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1. Prompt the user to enter their age (use a descriptive prompt).
 2. If the age is above 10, output they are eligible to attend the Football match.
 - a. If the age is 20 or below or **55 and above**, output ticket price is \$12,
 - b. otherwise output ticket price is \$20.
 3. Output error message when age criteria not met.

Exercise #2 (Save As: **if_logical2.py**):

- Choose descriptive variable names.
 - Include suitable prompts for all inputs.
 - Write if statements to test for and handle all possible set of inputs.
 - Label all outputs appropriately.
1. Prompt the user to enter a positive integer for population (use a descriptive prompt).
 2. Use the table below to create your **if-block** and print appropriately.

Population	OUTPUT
0 – 100	Low
101 – 200	Medium
201 – 300	High
Above 300	Too big to count
Any value not above	Some sort of error message

Exercise #3 (Save As: **if_logical3.py**):

- Choose descriptive variable names.
- Include suitable prompts for all inputs.
- Write if statements to test for and handle all possible set of inputs.
- Label all outputs appropriately.

1. Prompt the user to enter Item (use a descriptive prompt).
2. Prompt the user to enter Price (use a descriptive prompt).
3. Prompt the user to enter Quantity (use a descriptive prompt).
4. You will need to calculate Total, Discount Amount and Total After Discount using the following criteria:
 - a. If the quantity is in the range 100-1000, apply a 5% discount.
 - b. If the quantity exceeds 1000, apply a 10% discount.

5. **Output:**

- Item
 - Price
 - Quantity
 - Total
 - Discount Amount
 - Total After Discount
6. Label all outputs appropriately, including an alternate message when criteria is not met.