

SECTION 7: MILESTONE PROJECT - 1, 1 hour 40 minutes, 9 parts

• 3/9 Accepting User Input

- -> i.e stacked empty lists in order to create a ttt board
- -> using the input function
- -> **input("Please enter a value ")** <- running this asks the user for a value, with an input box
 - **this returns the string which is inputted by the user**
 - -> and it's in the string format
- -> **she's set it equal to a result**
 - so, **result = input("Please enter a value: ")**
 - then converting it into an int
 - **int(result)** <- **this converts it into an integer**
 - -> you can also run a float('3.14')
- -> **position_index = input("Choose an index position: ")**
 - **so we're deciding which index to pick**
 - -> and that needs to also be in an int -> to use it as the index
 - -> **input(...) <- this outputs a string**
 - -> **'2'**
 - -> so, **position_index = int(input("Choose an index position "))**
 - -> **if the user enters e.g two vs 2 into the input**
 - next video lecture is validating user input
- -> **awaiting a user interaction**
 - **the user needs to enter a reply -> sometimes the user forget to enter a result**
 - **every subsequent code cell won't run -> until the cell with input(...) has an input**
 - -> sometimes it can get on the cell which doesn't run -> and then all cells below it won't run -> you have to restart the kernel
 - -> kernel > restart
 - -> **you can cell > run all above or run all below**