

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

- **1/9 Introduction to Warm Up Project Exercises**

- **-> milestone project**

- -> warmup project exercises
 - -> Python programs
 - -> Tic Tac Toe games

- **-> using Python to**

- grab user input
 - manipulate a variable based of input
 - return back an adjusted variable
 - -> then combining everything into a program

- **-> what an interactive program does**

- **-> you need a visual representation for the user**

- -> e.g a tic tac toe (TTT) board for the user
 - it's the interface the user interacts with
 - -> then user input
 - -> a function
 - -> updates
 - -> a new visual
 - -> the results

- **-> any interactive peice of software follows the logic**

- **the script which runs it can be complex depending on the different possible inputs from the user**
 - **-> you need to update the visual after the user interacts with the game**

- **-> there are many ways of writing the same script**

- **-> to connect the dots between what you've learned and an interactive program**