* The rationale behind is that if you have an if-else problem in python
  + It could look something like this



* But with Ternary conditional operators you can use this



* List comprehension is a way to define and create list based on existing lists
* Say we wanted to do a function to every item in a list
  + The un-elegant way would be



* But with list comprehension you can do this in one move



* But lets say you wanted to run an if else loop over an array where you run a function if the variable meets a certain criteria
* Normally it would look like



* That all can be condensed down into one line

