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The objective of this project is to change an infix to a postfix where a full parenthesized expression is processed and executed into a solution without parenthesis with also an average waiting time model for server and customers as variables. Part one is required to make an infix notation into a postfix notation given that each character of input has a space in between them. This program can be used for different methods and inheritances in other projects. A screenshot of a cell phone

Description automatically generated

Part two is required to make a queue like service where a set of customers interact with one to many servers at a time for their tickets to be scanned. This image above gives out the average waiting time for one queue per server on the left set of numbers and one queue / multiple servers on the right section. These programs provide up front python code as a stack is being used for infix to postfix and a queue for an average waiting time. The AWT (Average Waiting Time) could be used as a game even, by my research you can install a library for python like “arcade”. The infix to postfix is a great calculator idea.