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CS124 Project 2

My data set is about winners of individual tournament game winners for the year of 2000 in professional tennis. I combine the fields of tournament id and game id to give the data set a unique field.

Stack Complexity:

Stack() : $O(1)$ aka constant time

~Stack(): $O(N)$ aka Linear Time

Push(): $O(1)$

Pop(): $O(1)$

printStack(): $O(N)$

isInStack(): $O(N)$

Running the Queue class. During this section the order of the objects in the queue and the stack will be reversed. Due to the way the stack class functions. Being first in last out changes the order from the first in first out that the queue is.