

## Computer Science and Programming Homework December 28th, 2020

### Task 1 *stack*

Implement a class **stacks**. Your class should include the following two operations:

1. `push(x)`: add an element `x` to the top of the collection.
2. `x=pop()`: extract the most recently added element from the collection.

**Task 2** *Implement a class **queues**. Your class should include the following two operations:*

1. *`insert(x)`: add an element `x` to the end of the collection.*
2. *`x=dequeue()`: extract the oldest element from the collection.*