

# IEEE CP SMP 2018

## Assignment 2

### Topic: Time Complexity

Your Name  
Contact number

#### 1. Stacks

- `top()` :  $O(\text{your\_answer})$
- `push()` :  $O(\text{your\_answer})$
- `pop()` :  $O(\text{your\_answer})$
- `size()` :  $O(\text{your\_answer})$

#### 2. Queues

- `front()` :  $O(\text{your\_answer})$
- `back()` :  $O(\text{your\_answer})$
- `push()` :  $O(\text{your\_answer})$
- `pop()` :  $O(\text{your\_answer})$
- `size()` :  $O(\text{your\_answer})$

#### 3. Vectors

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#### 4. Arrays

...

#### 5. Pair

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#### 6. Priority Queue

...

**7. Map**

...

**8. Set**

...

**9. MultiSet**

...

**10. Double Ended Queue**

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