

# Stack example

CS110C

Max Luttrell, CCSF



# ADT stack example

```
stack1 = a new empty stack
stack2 = a new empty stack
```

```
stack1.push(1)
stack1.push(2)
stack2.push(3)
stack2.push(4)
stack1.pop()
stackTop = stack2.peek()
stack1.push(stackTop)
stack1.push(5)
stack2.pop()
stack2.push(6)
```

# Stack

```
+isEmpty(): boolean
+push(newEntry: ItemType): boolean
+pop(): boolean
+peek(): ItemType
```



# ADT stack example

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stack1 = a new empty stack  
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stack1

stack2

0

stackTop



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1  
stack1      stack2

0  
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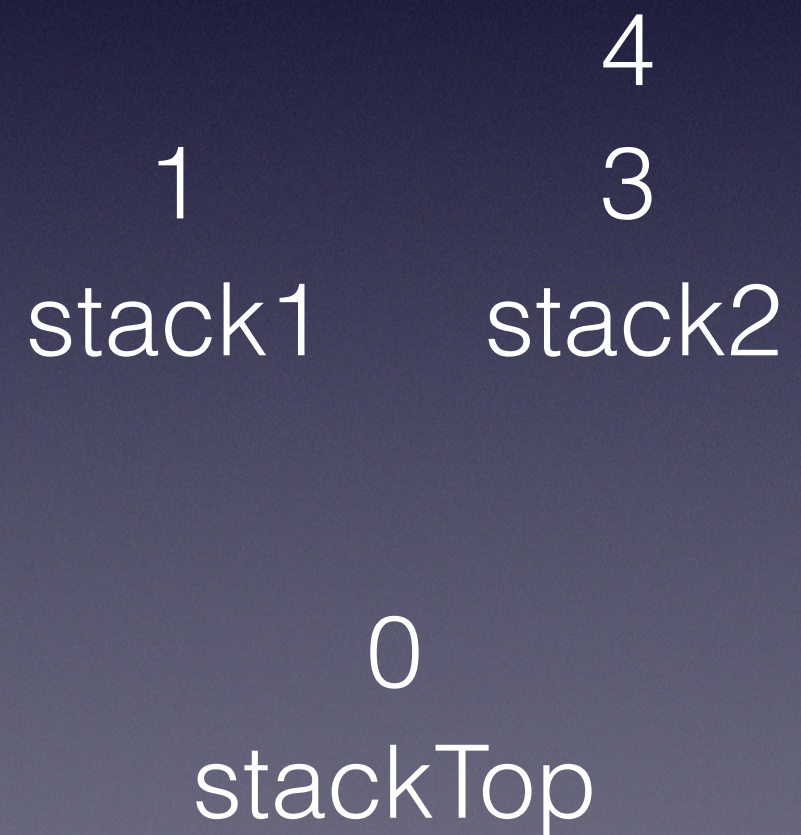
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