Data Structures
Stack – Array Implementation

Team Emertxe

Stack – Array Implementation

Operations

- Create Stack
- Insert an Element
- Delete an Element
- Print Stack

Stack – peep(stack)

peep(stack)

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If (is_stack_empty(stack))
   Print Stack is Empty
while (stack.top != -1)
    Print stack.item[stack.top]
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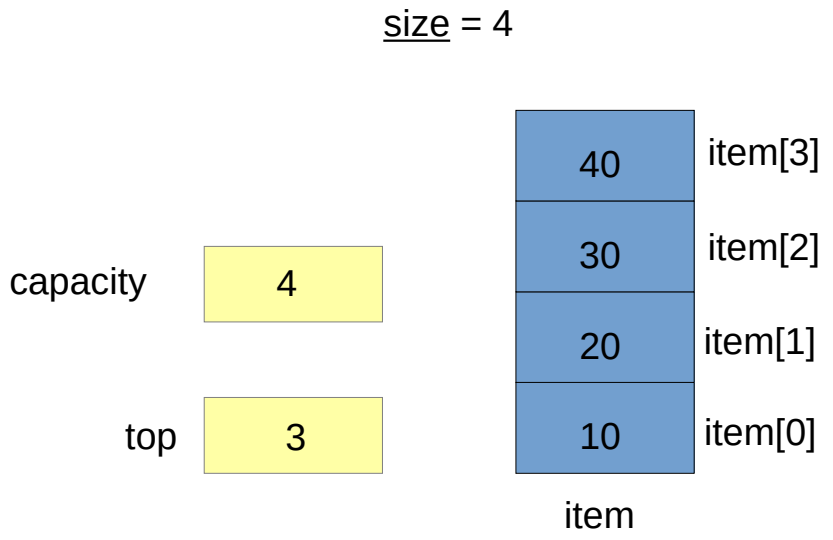

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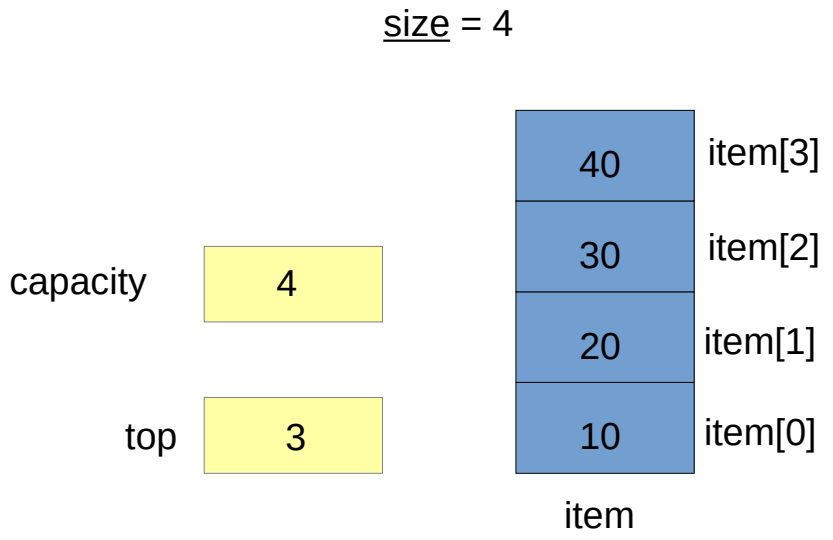

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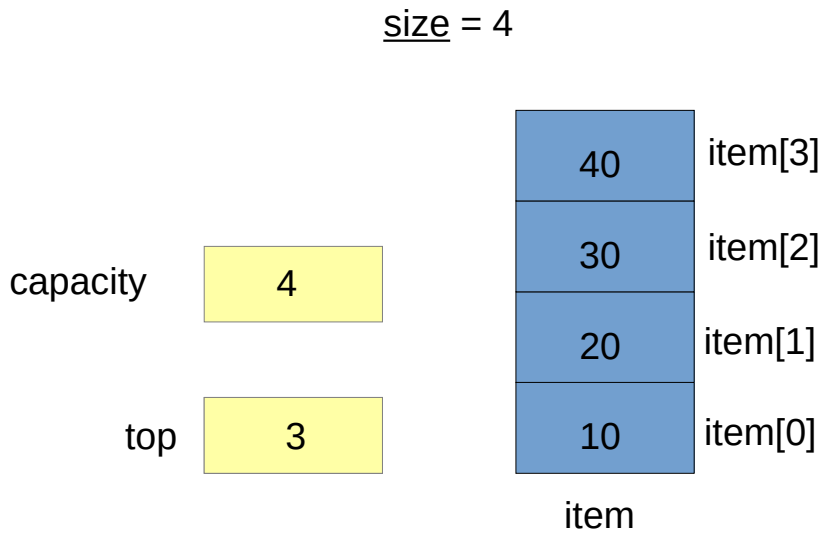

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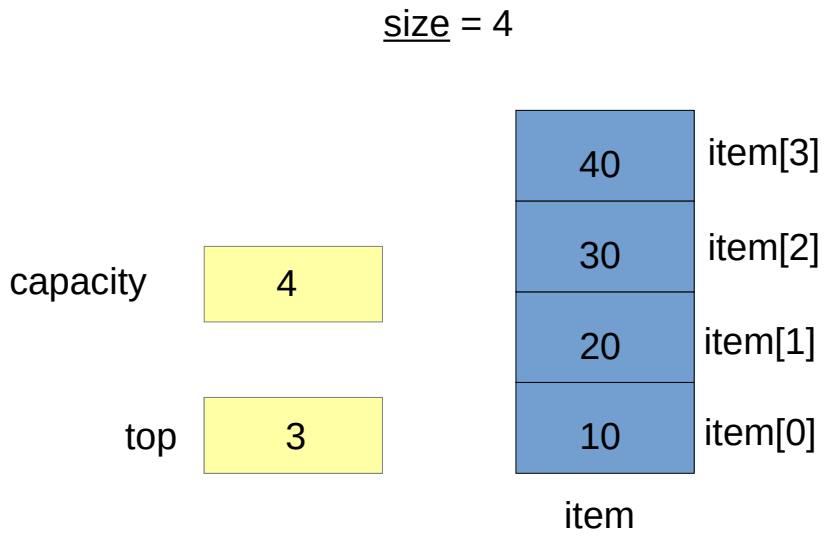

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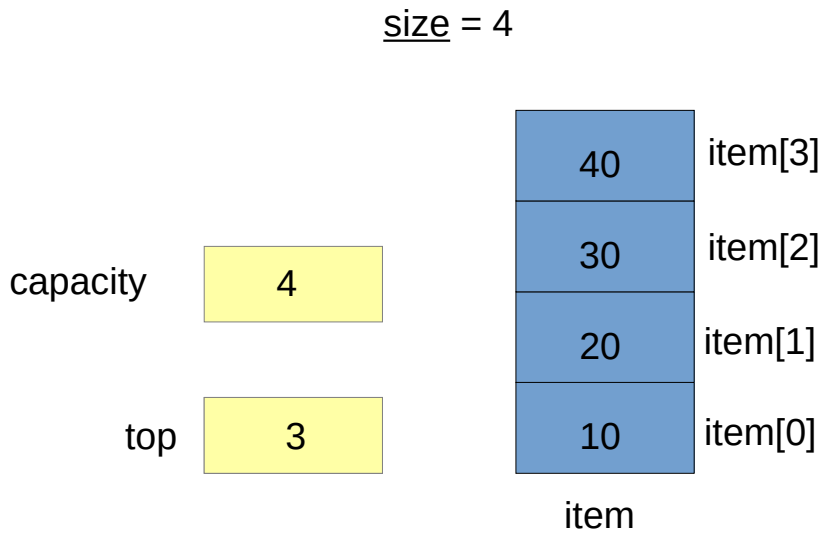

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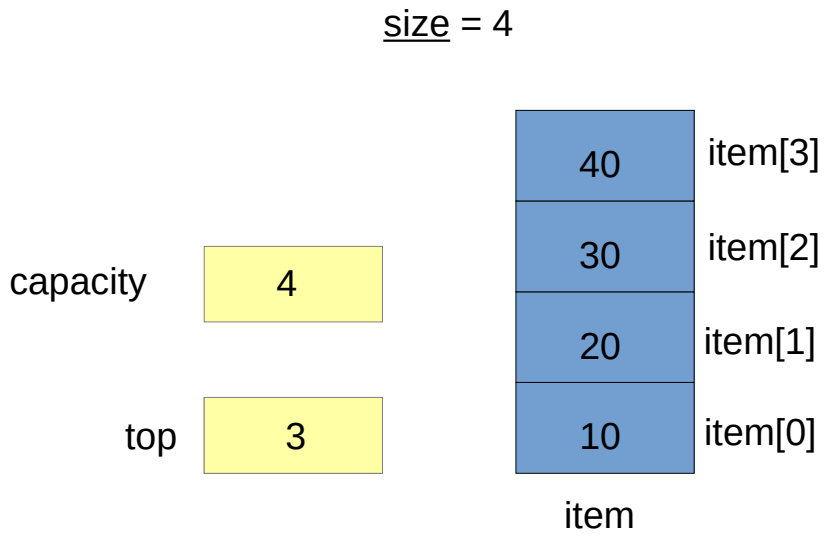

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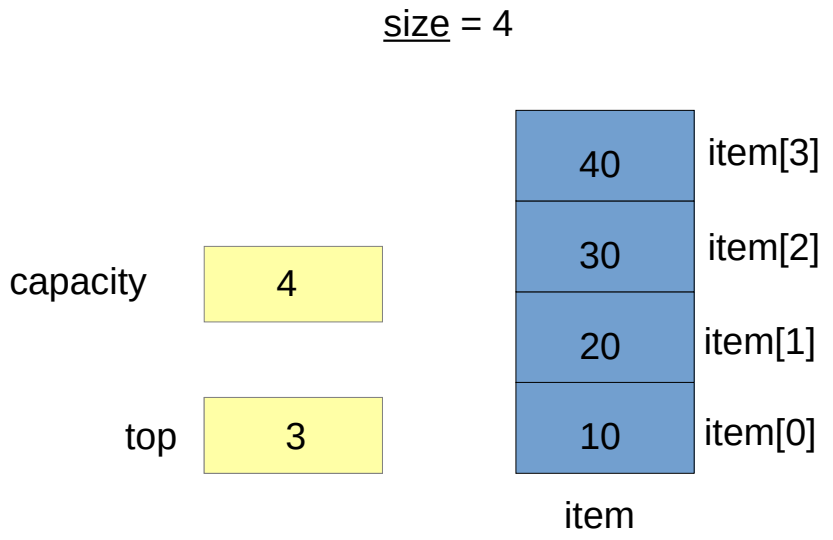

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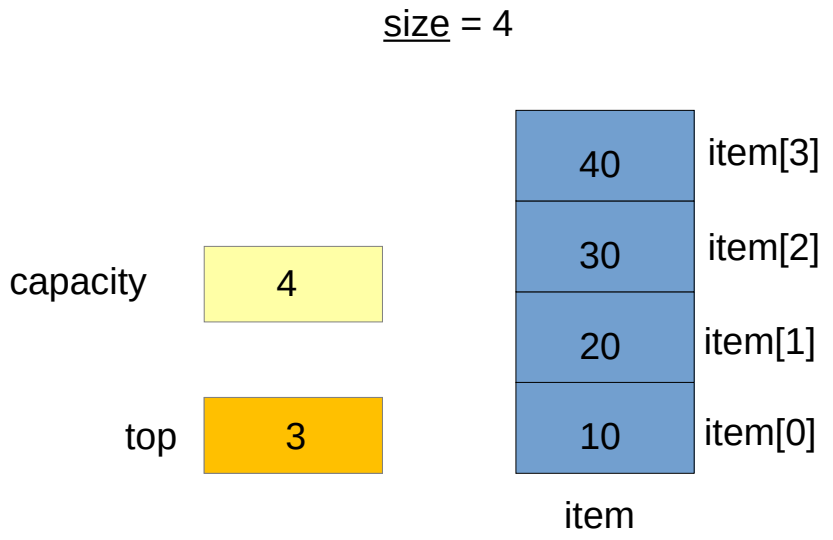

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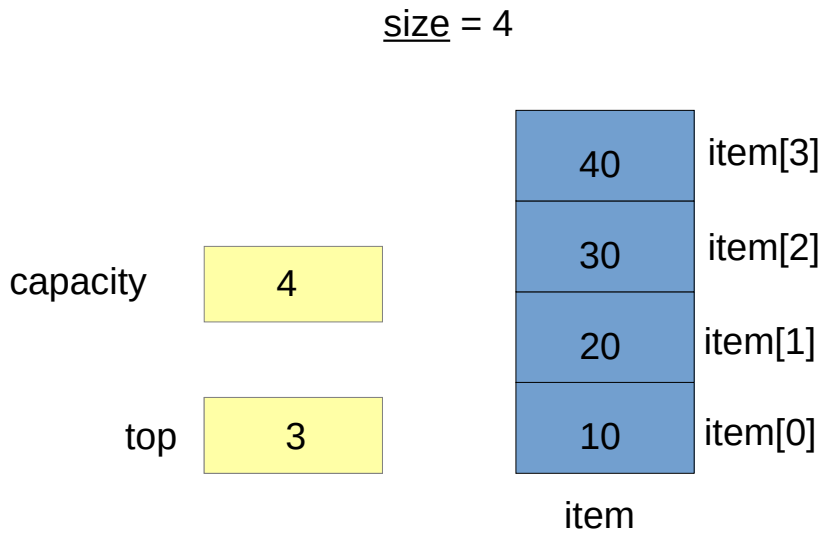

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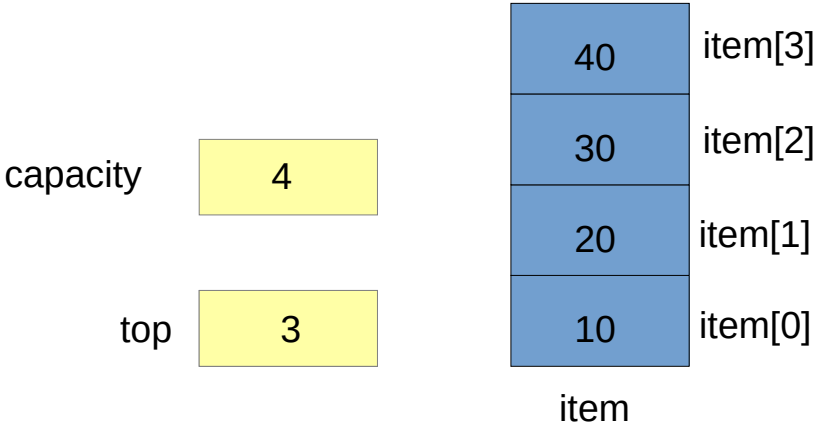

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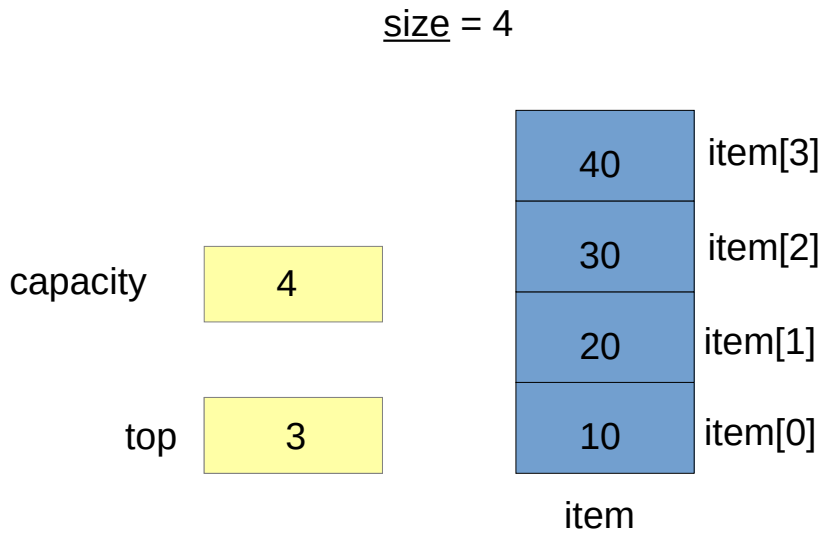

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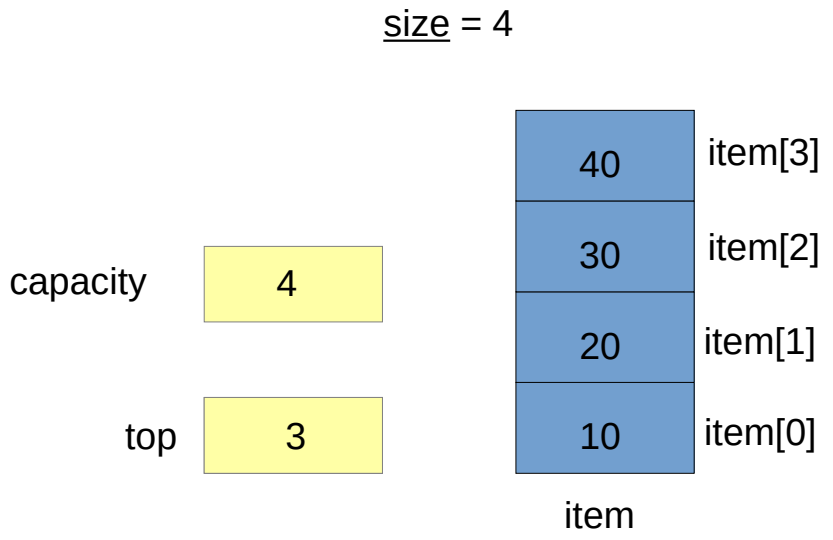

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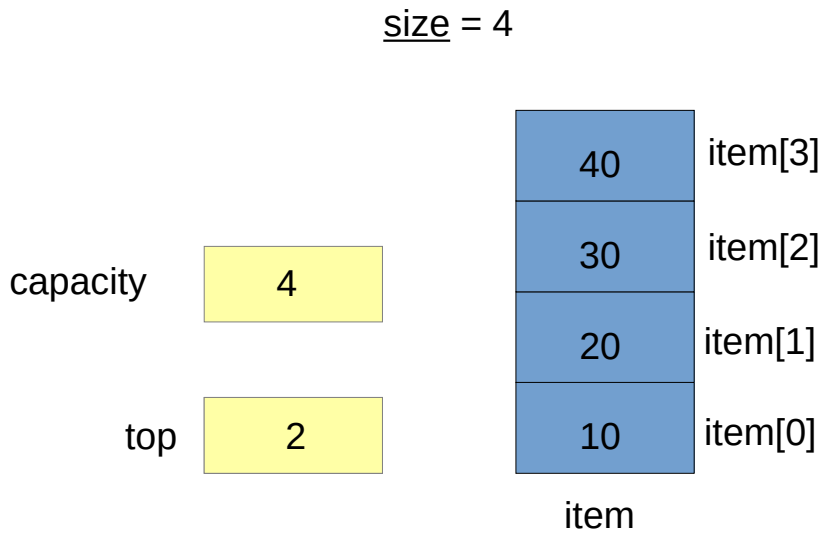

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EMERTXE

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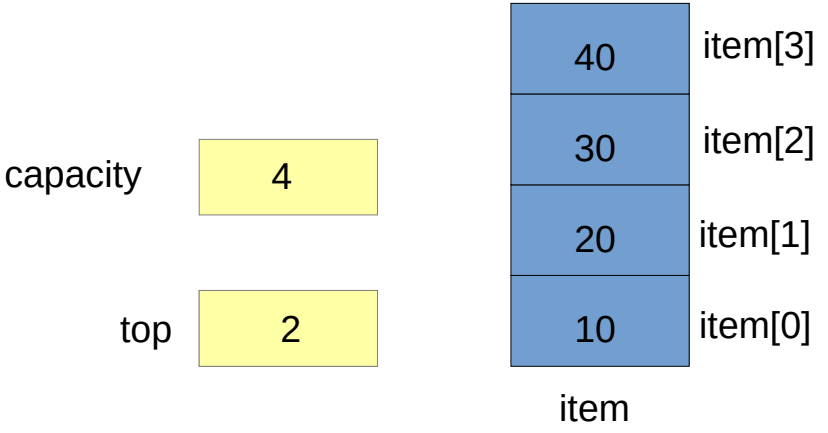

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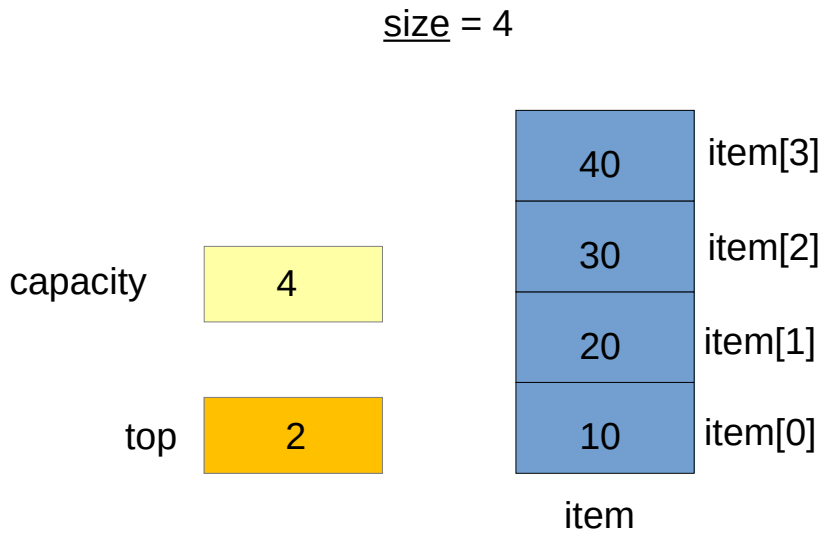

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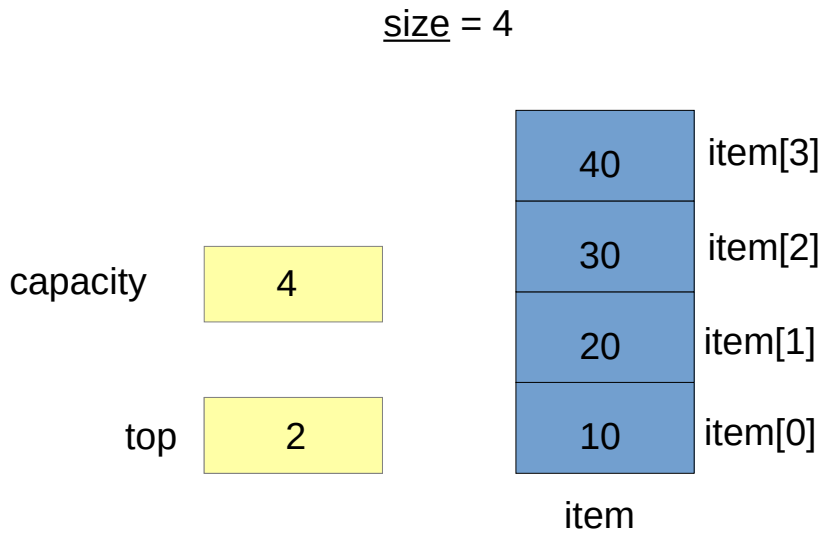

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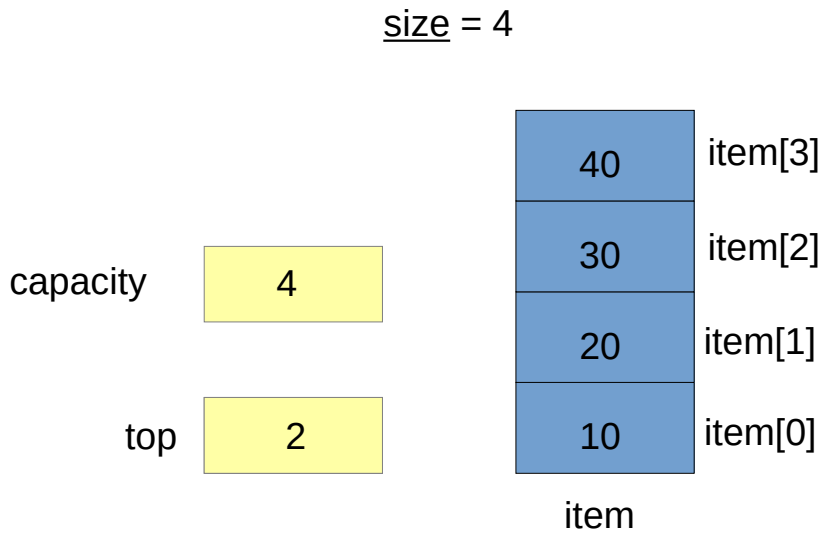

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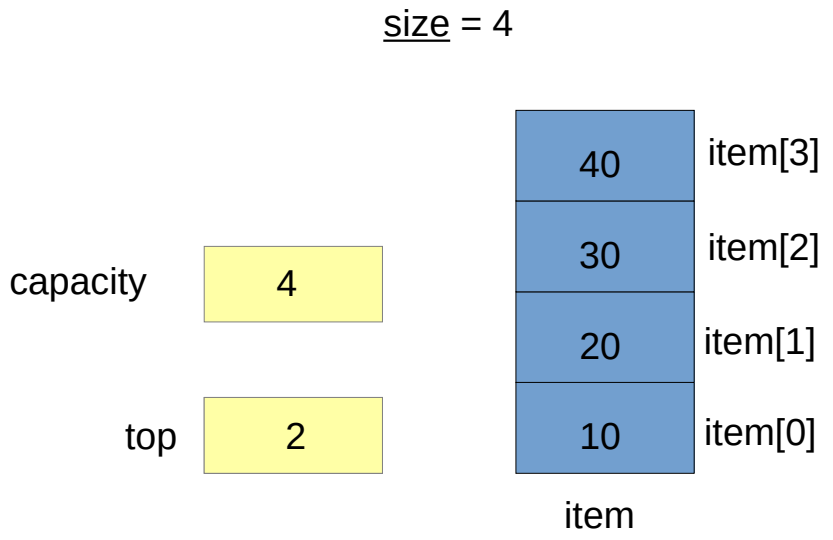

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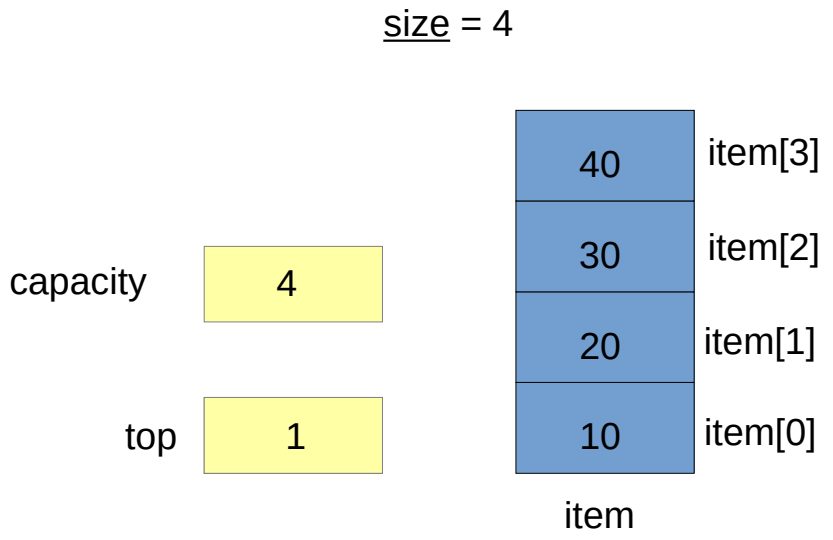

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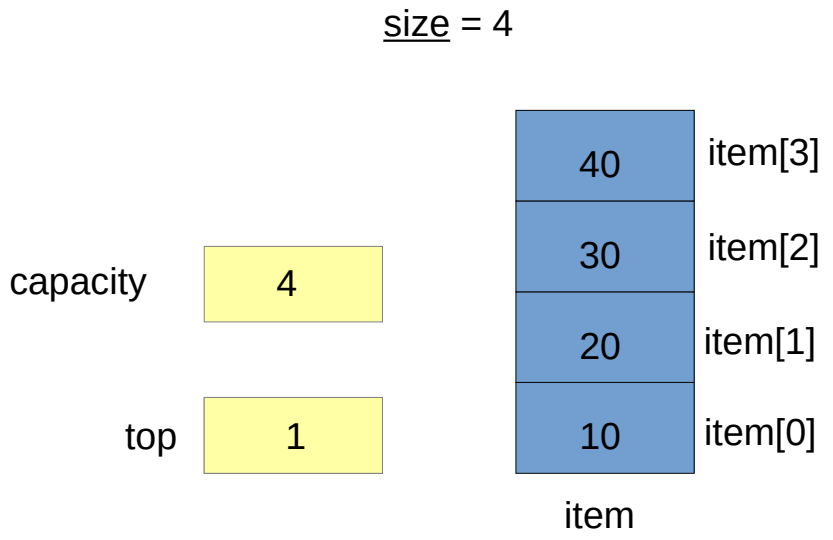

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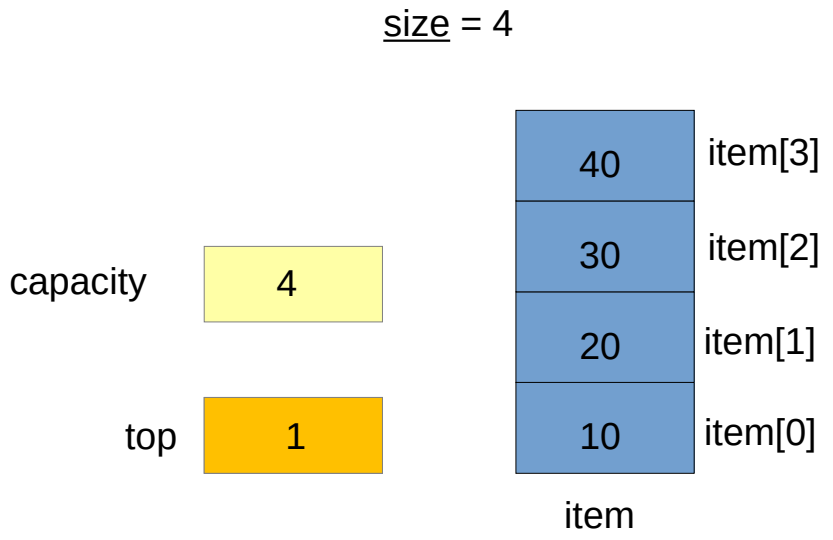

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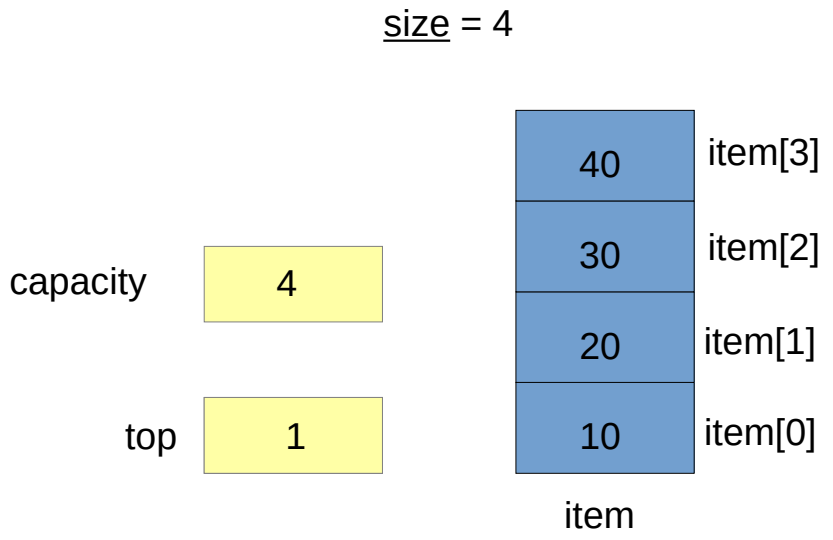

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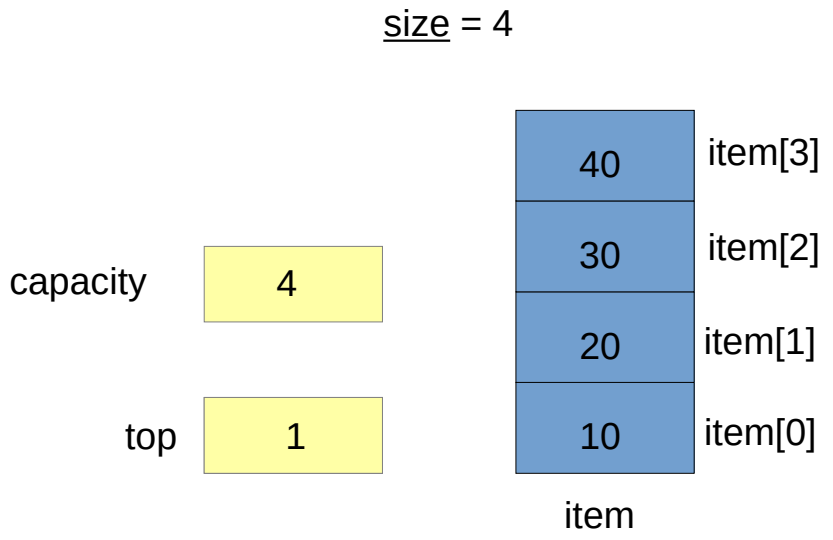

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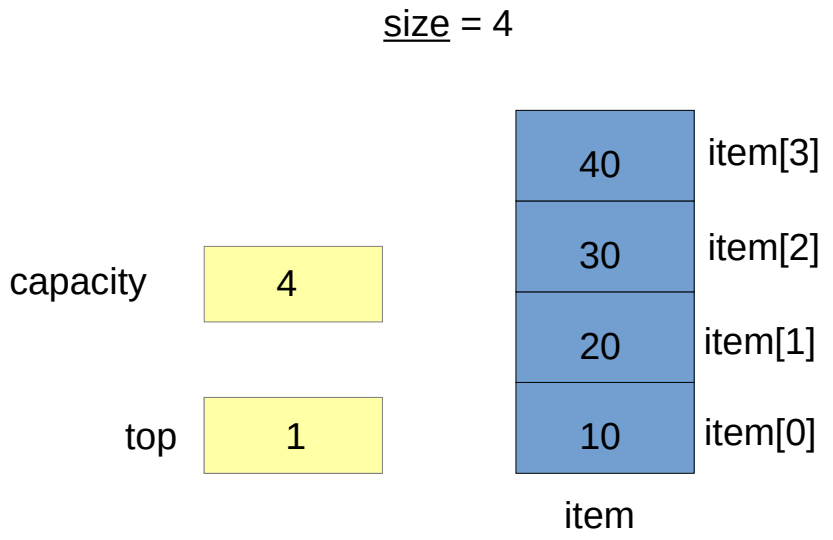

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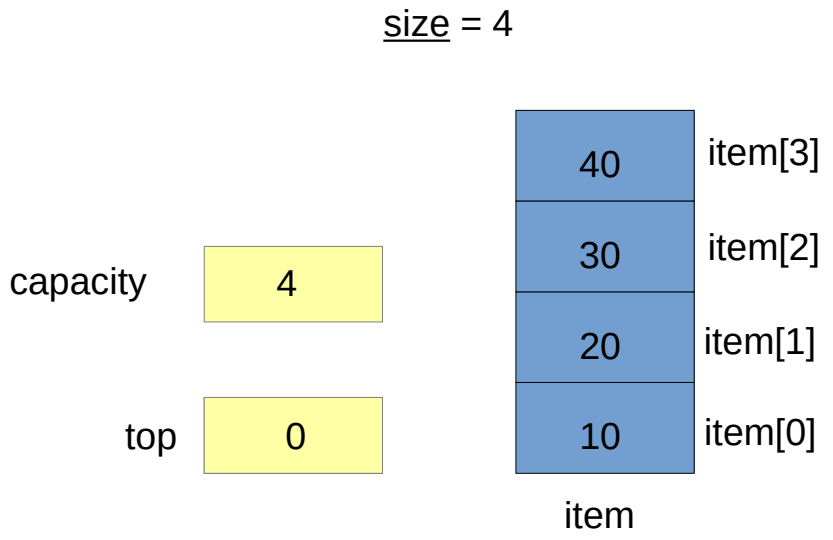

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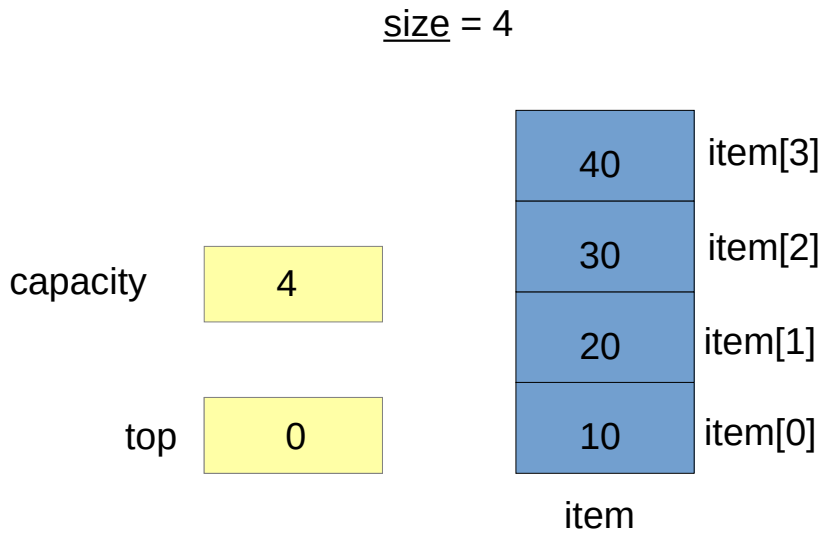

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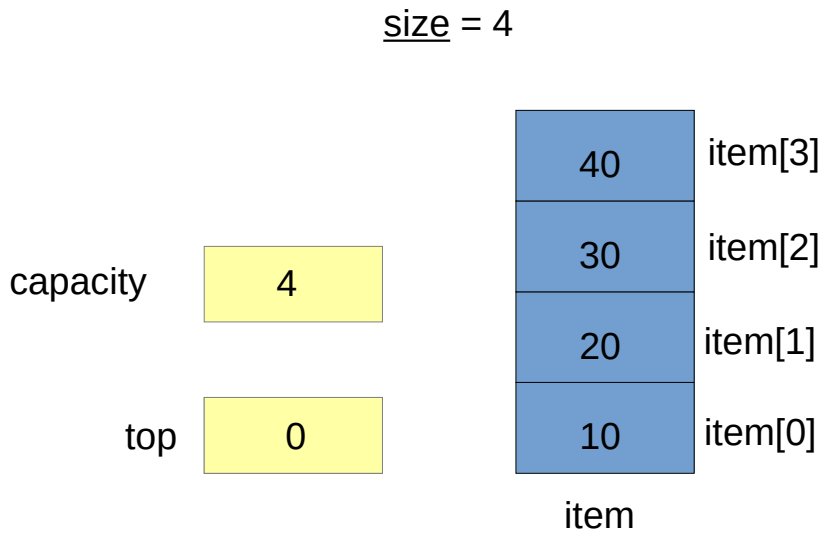

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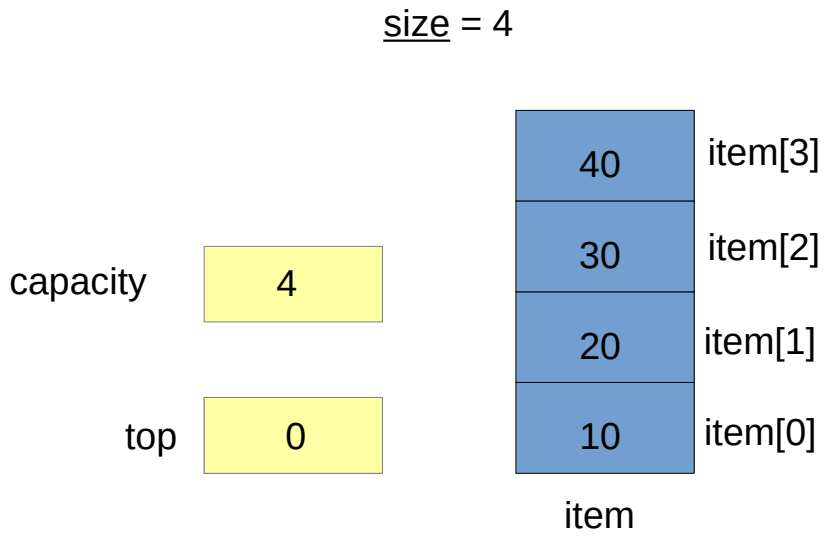

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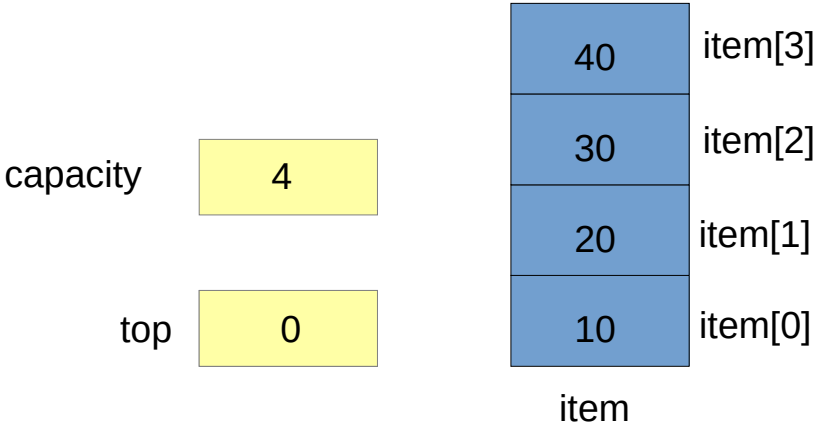

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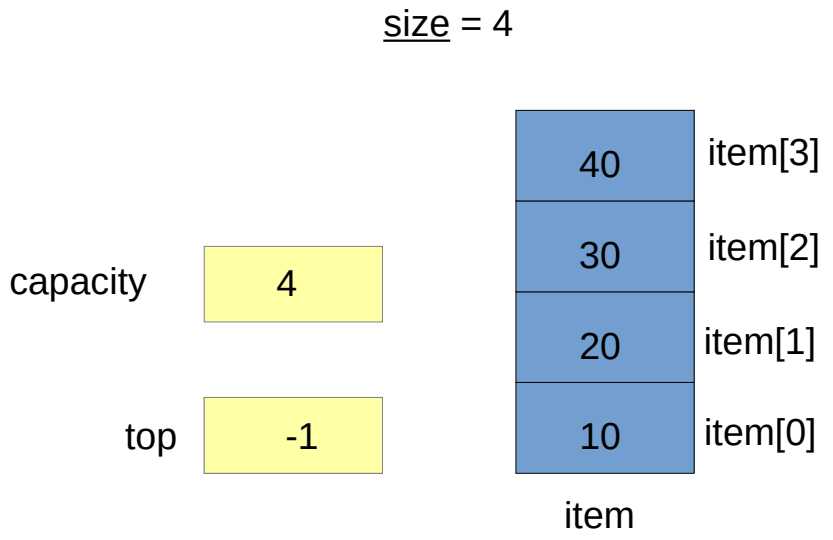

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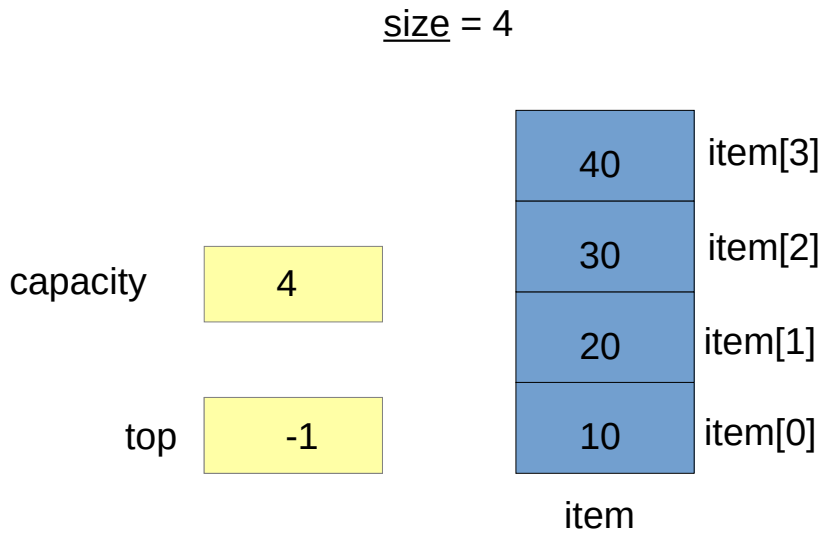


is_stack_empty(stack)

```
If (stack → top = -1)
     return e_true
else
     return e_false
```

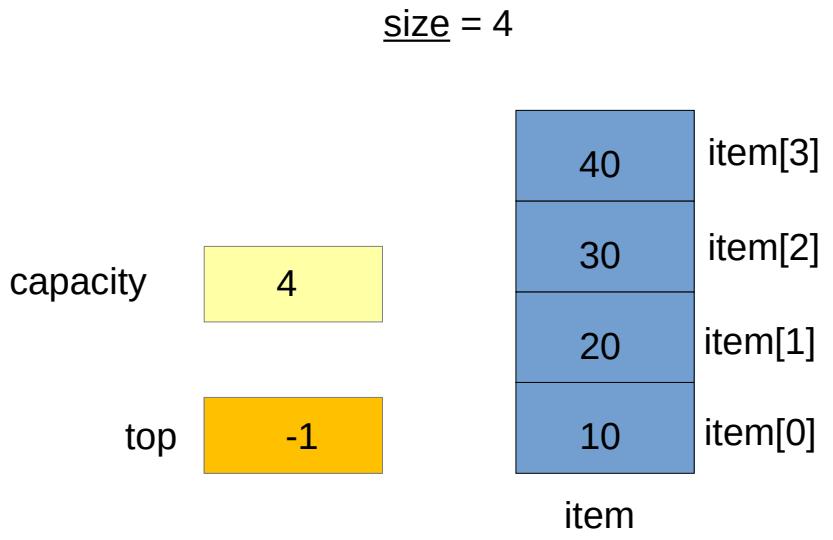
OUTPUT

40 30 20 10

EMERTXE

peep(stack)

```
If (is_stack_empty(stack))
   Print Stack is Empty
while (stack.top != -1)
    Print stack.item[stack.top]
    (stack.top)--
```



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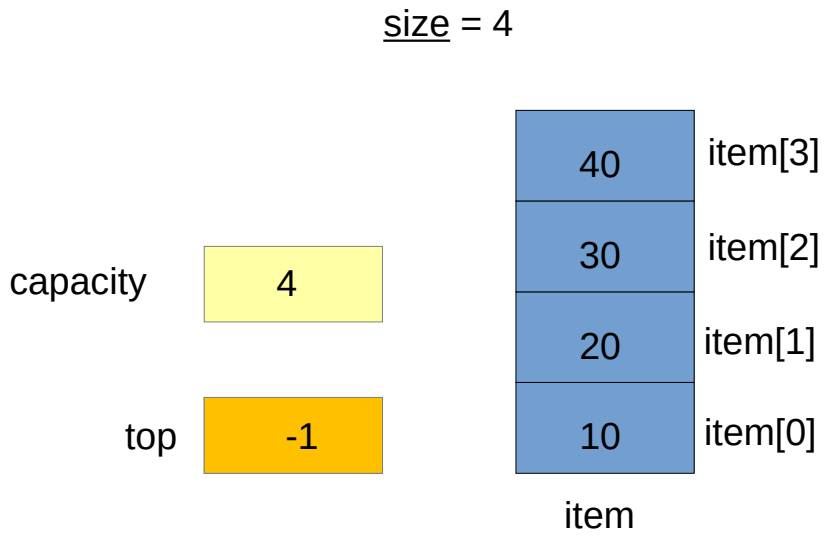

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OUTPUT

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EMERTXE

Stack Code -peep(stack)