

Question 3

Ans:

```
In [18]: class Stack:
def __init__(self):
    self.stack = []

def push(self, item):
    self.stack.append(item)

def pop(self):
    if self.isEmpty():
        return None
    return self.stack.pop()

def isEmpty(self):
    return len(self.stack) == 0
```

```
In [19]: my_stack = Stack()

print(my_stack.isEmpty())

my_stack.push(10)
my_stack.push(20)
my_stack.push(30)

print(my_stack.isEmpty())

print(my_stack.pop())
print(my_stack.pop())
print(my_stack.pop())
print(my_stack.pop())

print(my_stack.isEmpty())
```

```
True
False
30
20
10
None
True
```

In []:

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