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## # Question 2

```
st = myStack.peek() + s[i] # constructing a string from the last
```

## # Question 6:

```
tunction Sum(st):
    """
    this function returns the sum of all the elements in a stack by place holding them
in an aux stack
    then re-pushing them to the original one
    """
    auxStack <- Stack() # initializing an aux stack
    s<-0 # initializing a sum value
    while !st.isEmpty(), do # while the stack is not empty do</pre>
```

```
end
 while !auxStack.isEmpty(), do # while the aux stack is not empty do
    st.push(auxStack.pop()) # pop and element from the aux stack and push it to the
Question 7:
 end
 Ouestion 8:
    st.push(auxStack.pop()) # pop the element from the aux stack and pushing it to
 Question 9:
 def isEmpty(self):
```

```
def isFull(self):
    if self.last + 1 == self.ma:
        return True
    return False

def push(self, val):
    if self.isFull():
        raise Exception("Stack is full")
    else:
        self.last += 1
        self.s[self.last] = val

def peek(self):
    if not self.isEmpty():
        return self.s[self.last]
    else:
        return

def pop(self):
    if not self.isEmpty():
        self.last -= 1
        return self.s[self.last + 1]
    else:
        raise Exception("Stack is empty")
```