def create\_stack():  
 stack = []  
 return stack  
  
def check\_empty(stack):  
 return len(stack) == 0  
  
def push(stack, item):  
 stack.append(item)  
 print("pushed item: " + item)  
  
def pop(stack):  
 if (check\_empty(stack)):  
 return "stack is empty"  
  
 return stack.pop()  
  
  
stack = create\_stack()  
push(stack, str(1))  
push(stack, str(2))  
push(stack, str(3))  
push(stack, str(4))  
print("popped item: " + pop(stack))  
print("stack after popping an element: " + str(stack))

