Problem 3

Maria is opening a cupcake shop. Help her manage her inventory to improve stock availability.

Write a function called **stock_availability** which receives:

- an inventory **list** of boxes with different kinds of cupcake flavours
- **"delivery"** or **"sell"** as **second** parameter
- there **might** or **might not** be any **other parameters – numbers or strings** at the end

In case of **"delivery"** to the shop was delivered new boxes with diferent kinds of **cupcakes**:

- You should **add** the **boxes** at the **end** of the inventory list
- There will be always at least one box delivered

In case of **"sell"** Maria has a client and she is selling different **boxes** with cupcakes:

- If there is a **number** as **another parameter**, it means that Maria has **sold** that many **boxes with cupcakes** and you should **remove them** from the **beginning** of the inventory list
- If there is/are string/s as **another parameter/s**, it means that Maria has sold **ALL cupcake boxes of the ordered flavour/s**. Beware that **not everything the buyer has ordered might be in stock**, so you should check if the order is valid.
- If there are **no other parameters**, it means that Maria has sold only **the first box** of cupcakes and you should **remove it** of the inventory list

For more clarifications, see the examples below.

Input

- There will be **no input**
- **Parameters** will be passed to your function

Output

- The function should **return a new inventory list**
- All **commands** will be **valid**

Examples

Test Code
print(stock_availability(["choco", "vanilla", "banana"], "delivery", "caramel", "berry"))
print(stock_availability(["chocolate", "vanilla", "banana"], "delivery", "cookie","banana"))
print(stock_availability(["chocolate", "vanilla", "banana"], "sell"))
print(stock_availability(["chocolate", "vanilla", "banana"], "sell", 3))
print(stock_availability(["chocolate", "chocolate", "banana"], "sell", "chocolate"))
print(stock_availability(["cookie", "chocolate", "banana"], "sell", "chocolate"))
print(stock_availability(["chocolate", "vanilla", "banana"], "sell", "cookie"))
Output

```
['choco', 'vanilla', 'banana', 'caramel', 'berry']
['chocolate', 'vanilla', 'banana', 'cookie', 'banana']
['vanilla', 'banana']
[]
['banana']
['cookie', 'banana']
['chocolate', 'vanilla', 'banana']
```