# 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

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| **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'] |