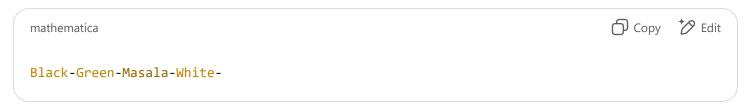
This screenshot shows more advanced manipulation of lists in Python using **loops**, **conditions**, **and list methods**. Let's explain everything in a simple and clear way.

# 

### Printing on the Same Line



- end="-" means: instead of printing on a new line, continue on the same line with a dash.
- Output:

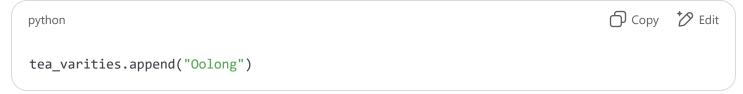


## Checking if an Item Exists

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<pre>if "Oolong" in tea_varities: print("I have Oolong tea")</pre>		

- This checks whether "Oolong" is in the list.
- The first time, "Oolong" is **not** in the list, so nothing is printed.

### Adding an Item to the List

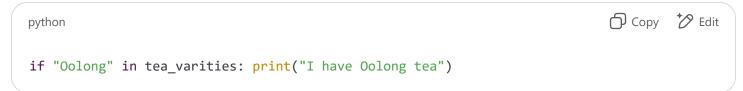


- Adds "Oolong" to the end of the list.
- New list:

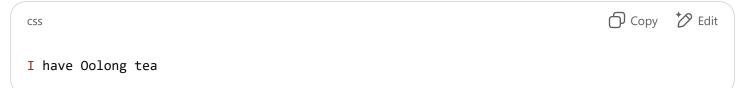
```
python

['Black', 'Green', 'Masala', 'White', 'Oolong']
```

#### Now the condition:



### Outputs:



### Removing an Item

python Copy b Edit

tea\_varities.pop()

- This removes and returns the last item from the list (like undo).
- "Oolong" is removed.
- New list:

```
python

['Black', 'Green', 'Masala', 'White']
```

### Summary of New Concepts

Operation	Example Code	What It Does
Loop through list	for tea in tea_varities:	Goes through each element
Print in one line	<pre>print(tea, end="-")</pre>	Avoids new lines
Check if item is in list	"Oolong" in tea_varities	Returns True Or False
Add to end of list	<pre>tea_varities.append("Oolong")</pre>	Adds item at the end
Remove last item	tea_varities.pop()	Removes and returns the last item