

A **tuple** in Python is like a **list that you cannot change**.

It holds a **group of items**, just like a list, but **you can't add, remove, or change** the items once it's made.

Simple Explanation:

Think of a **tuple** as a **box with locked items**.

You can **see** what's inside, but **you can't take anything out or put anything in**.

Example:

python

 Copy  Edit

```
fruits = ("apple", "banana", "cherry")
```

- This is a tuple with 3 items.
- You can access items like this:

python

 Copy  Edit

```
print(fruits[0]) # Output: apple
```

Key Points:

- Use **round brackets ()**
- It can have different types of values
- You can read items by index (`fruits[1]`)
- **Immutable** → can't change the values after it's created

Not Allowed:

python

 Copy  Edit

```
fruits[1] = "orange" # ❌ This will cause an error
```

✅ Allowed:

python

 Copy  Edit

```
print(len(fruits)) # 3 print("banana" in fruits) # True
```

Use a **tuple** when you want to keep data **safe from changes**.