

Topics: Functions in Python, Docstrings, Definition, Calling, Passing Arguments to Functions, Returning Values, Arbitrary Number of Arguments, explore "Don't Repeat Yourself"

## **Functions in Python**

## **Passing Arguments to Functions**

## **Returning Values**

```
"Islamabad, Pakistan"

1          def city_country(city, country):
                info = '"' + city + ', ' + country + '"'
                return info
4
5
6          print(city_country("Islamabad", "Pakistan"))
7          print(city_country("Auckland", "New Zealand"))
8          print(city_country("Sydney", "Australia"))
```

## **Arbitrary Number of Arguments**

```
🔷 main.py
                                                                          Your sandwich contains:
  1 v def make_sandwich(*ingredients):
                                                                          roast beef
  print("Your sandwich contains:\n")
for ingredient in ingredients:
                                                                          cheddar cheese
lettuce
         for ingredient in ingredients:
                                                                          honey dijon
  Your sandwich contains:
                                                                          turkey
apple slices
honey mustard
  8 make_sandwich('roast beef', 'cheddar cheese', 'lettuce',
      'honey dijon')
  9 make_sandwich('turkey', 'apple slices', 'honey mustard')
 10 make_sandwich('peanut butter', 'strawberry jam')
                                                                          Your sandwich contains:
 11
                                                                          peanut butter
strawberry jam
```

End