

func

September 9, 2024

```
[3]: def greet(name):  
      print(f"Hello, {name}!")  
      greet('hello')
```

Hello, hello!

```
[4]: def add(x, y):  
      return x + y  
      result = add(5, 3)  
      print(result)
```

8

```
[5]: def greet(name="Guest"):  
      print(f"Hello, {name}!")  
      greet()  
      greet("Bob")
```

Hello, Guest!

Hello, Bob!

```
[6]: def describe_pet(name, species="Unknown"):  
      print(f"Name: {name}")  
      print(f"Species: {species}")  
      describe_pet("Max", species="Dog")  
      describe_pet("Whiskers")
```

Name: Max

Species: Dog

Name: Whiskers

Species: Unknown

```
[7]: def print_names(*names):  
      for name in names:  
          print(name)  
      print_names("Alice", "Bob", "Charlie")
```

Alice

Bob

Charlie

```
[8]: def print_info(**info):  
      for key, value in info.items():  
          print(f"{key}: {value}")  
      print_info(name="Alice", age=30, city="New York")
```

```
name: Alice  
age: 30  
city: New York
```

```
[ ]:
```