

Defining Functions

Exercises

1. Write a function called `welcome()` that takes two arguments, a first name and a last name, then prints a greeting to the user.
2. Write a function called `display_message()` that prints one sentence telling everyone what we are learning about this week.
3. Write a function called `favourite_book()` that accepts one parameter *Title*. The function should print a message such as *One of my favourite books is ...*
4. Write a function called `make_shirt()` that accepts a size and a message in text that should be printed on the shirt. The function should print a sentence summarising the size of the shirt and the message printed on it.
5. Write a function called `describe_city()` that accepts the name of a city and its country. The function should print a sentence such as *London is in the United Kingdom*.
6. Write a function called `multiply()` that accepts two numbers as arguments. The function should print out the product of the two numbers.
7. Write a function called `say_goodbye()` that takes no arguments. The function should print a goodbye message such as *Thank you for listening, goodbye!*

Positional and Keyword Arguments

Exercises

1. Call the function `welcome()` using positional and keyword arguments
2. Write a function called `addition()` that takes two numbers as arguments. The function should print out the sum of the numbers. Then call the function using positional and keyword arguments.
3. Call the function `favourite_book()` using positional and keyword arguments.
4. Call the function `make_shirt()` using positional and keyword arguments.
5. Call the function `describe_city()` using positional and keyword arguments.
6. Call the function `multiply()` using positional and keyword arguments.
7. Write a function called `favourite_colour()` that takes two arguments *name* and *fav_colour*. The function should print out a message saying "Hello ...! Your favourite colour is ...". Then call the function using positional and keyword arguments.

Calling a Function from a Function

Exercises

1. Create a function `repeat_welcome()` that repeats twice the welcome function we created earlier. Then call the `repeat_welcome()` function.
2. Call the function `repeat_favourite_book()` that repeats `favourite_book()` twice. Call this function.
3. Write a function called `repeat_favourite_colour()` that repeats `favourite_colour()` twice. Call this function.
4. Write a function called `repeat_addition()` that repeats the addition function twice, the second time multiplying the arguments by two. Call this function.
5. Write a function called `repeat_multiply()` that repeats the multiplication twice, the second time adding 4 to `num1` and 3 to `num2`.