

Guided Task 6: User-defined Functions

Objective

In this guided task, you'll:

- Practise using some of Python's inbuilt functions
- Write your own function for calculating personal tax in UK

Instructions

The rules for simple tax calculation are as follows:

Personal allowance:£11,850

0 to 34,500 taxed at 20%

34,501 to 150,000 taxed at 40%

Over 150,000 taxed at 45%

- 1. Add a new file: tax.py and make it the startup file.
- 2. Create a function called getIncomeTax()
- 3. Calculate the income tax based on the simple tax calculation rules as seen above.

Tip: You'll need to pass the salary to this function. Use a parameter called **salary** and base your calculations on the value held by the **salary** parameter.

- 4. After the calculation is finished, you can return the tax amount.
- 5. In the main part of your code, just below where you defined the function, write code to call **getIncomeTax()** and print the returned value.

To test your code, pass different values to the function to test its functionality.

Note:

The structure of your code is very important. You must declare the **import** first, then the user defined functions and then your main code.



Here is an example to show the code structure:

Well done, you've completed this guided task!