**Task 4**

**Add a new function to the program**

Type the following text:

A screenshot of a computer code

Description automatically generated

* Run the program
* In the shell, type the following and press enter:
* checkCave()

The program will generate an error, why?

A close-up of a computer code

Description automatically generated

Reading the error message, on the 3rd line, the error states ‘missing 1 required positional argument’.

Arguments are values that must be inputted to some types of functions. If you look at the function definition (the 1st line), of CheckCave(), you can see that the function does indeed require an input – that is the bit between he bracket. We call these inputs to functions **parameters**.

So lets try this again, but this time we’ll pass the cave variable that we captured when we ran chooseCave() in the last task:

A screenshot of a computer code

Description automatically generated

Explain what this function is doing.

Specifically mention:

* Parameters
* Passing values (arguments) to functions as parameters.