Oblig3: Teorioppgave 2

What are functions?

Functions are a block of code that can take parameters. Inside this block of code there are statements which run as the function is called. Once the function is finished, it returns values depending on the parameter and statement.

Why use functions in your code?

The point of using functions is to increase code readability as well as reusability. This in turn makes the code much easier for others to read, understand and work on. It also makes debugging a lot easier. With less code in your program, it can also mean better optimization once it's run.

An example of code reusability with functions can be a function that takes a list as a parameter. It would then take that list, iterate through it and have all its values printed in a specific order, styling and spacing. Having a function like this would allow you to quickly do that same action inside your program without re-writing the same code inside the function. Thus, making the code more readable, reusable and optimized.