LO4:

**LO4:  Understand functional and non-functional requirements in programming**

*4.1 Identify the types of functional and non-functional requirements.*   
*4.2 Describe the tests used for functional and non-functional requirements.*

Add a new section to your report called ‘Understanding and Meeting Requirements’

In this section discuss what we mean by the functional requirements of a software product. You should consider:

* Inputs/outputs
* Calculations required
* Technical specifications
* Data manipulation needed
* Data processing

Then consider the other, non-functional requirements and explain concepts such as:

* Accessibility
* Efficiency
* Reliability
* Scalability
* Maintainability
* Security
* Robustness

Explain how we can check that we have met our requirements using testing such as:

* Functional Testing
* Unit testing
* Smoke testing
* Integration testing
* Systems testing
* Non-functional testing
* Availability testing
* Compatibility testing
* Configuration testing
* Load testing