

# THE BLUEPRINT FOR LEAN 4 PROJECT

DEMO AUTHOR

## 1. DEMO

**1.1. SubDemo.** Some introduction [The20]: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

**Definition 1.1.1** (One). *one is 1.*

**Definition 1.1.2** (Two). *two is 2.*

**Lemma 1.1.3** (One plus one is two). *one + one = two*

*Proof.* It is obvious. □

**Remark 1.1.4.** *Some remarks.*

**Example 1.1.5** (Some examples). *Some examples in detail.*

## REFERENCES

- [The20] The mathlib Community, *The lean mathematical library*, Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, CPP 2020, Association for Computing Machinery, 2020, pp. 367–381.