

# Lab 3

## Part 1:

Done in Repository on GitHub.

## Part 2:

here's a basic example of unit tests for a lending contract in Solidity. We assume that you have a lending contract named LendingContract:

## Part 3:

### **Explanation of Ganache-Time-Traveller:**

Ganache-Time-Traveller is a feature in Ganache that allows you to manipulate the Ethereum block timestamp during development and testing. This feature is actually particularly useful in order to test time-dependent functions in your smart contracts without having to wait for actual time to pass.

For instance, suppose you have a smart contract with a time-dependent function like a vesting period or an interest calculation. You are able to use Ganache-Time-Traveller to fast-forward time to test how the contract behaves at different points in the future.

