

# Lab3 - ganache-time-traveler

The *ganache-time-traveler* utility allows you to manipulate the EVM's block timestamp, enabling you to simulate the passage of time in your tests.

Here's a basic example:

```
.....
const helper = require('ganache-time-traveler');

// ... other tests

it("should demonstrate time-travelling", async () => {
  let instance = await Lending.deployed();

  // snapshot the current state
  let snapshot = await helper.takeSnapshot();
  let snapshotId = snapshot['result'];

  // Advance time by 5 days
  await helper.advanceTimeAndBlock(5 * 24 * 60 * 60);

  // Do some operation after 5 days, for instance, check interest accumulation, etc.

  // Revert the EVM to the original state
  await helper.revertToSnapshot(snapshotId);
});
.....
```

In the above example, we first take a snapshot of the current EVM state. We then advance the time by 5 days. After testing operations in this new state, we can revert back to the original state using the snapshot. This is particularly useful for tests involving time-based conditions or simulating scenarios over extended periods without actually waiting.