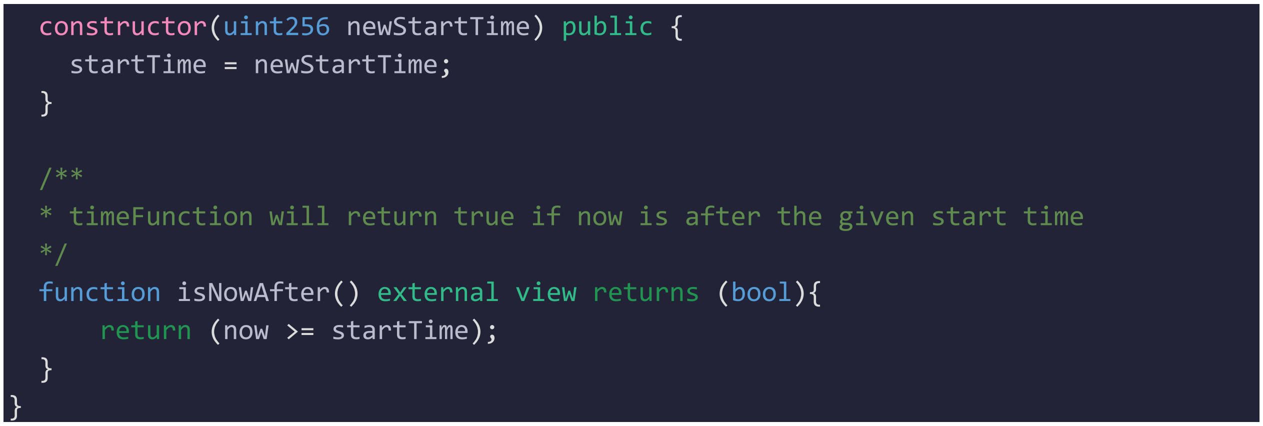
```
const GanacheTimeContract = artifacts.require('./GanacheTimeontract');
const helper = require('ganache-time-traveler');

const Sun_Feb_10_00_00_00_UTC_2019 = 1549756800;
const Wed_Mar_20_00_00_00_UTC_2019 = 1553040000;
const SECONDS_IN_DAY = 86400;

contract('GanacheTimeContract', async (accounts) =>  {
    before('deploy GanacheTimeContract', async() => {
        _1 = await GanacheTimeContract.new(Thu_Aug_10_00_00_00_UTC_2023);
        _2 = await GanacheTimeContract.new(Wed_Mar_20_00_00_00_UTC_2019);
    });

    beforeEach(async() => {
        snap = await helper.takeSnapshot();
        snapId = snap['result'];
    });
    afterEach(async() => {
        await helper.revertToSnapShot(snapId);
    });

    it("Thu Aug 10 00:00:00 UTC 2023 (before current time)", async() => {
        var output = await _1.isNowAfter.call();
        assert.equal(output, true, "output should be true");
    });

    it("Wed Sep 20 00:00:00 UTC 2023 (after current time)", async() => {
        var output = await _2.isNowAfter.call();
        assert.equal(output, false, "output should be false");
    });

    it("Wed Sep 20 00:00:00 UTC 2023 (after current time)", async() => {
        await helper.advanceTimeAndBlock(SECONDS_IN_DAY * 100);
        var output = await _2.isNowAfter.call();
        assert.equal(output, true, "output should be true");
    });
});
```

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.5.0;

contract GanacheTimeContract {
  uint256 private startTime;
```



```
  constructor(uint256 newStartTime) public {
    startTime = newStartTime;
  }

  /**
  * timeFunction will return true if now is after the given start time
  */
  function isNowAfter() external view returns (bool){
      return (now >= startTime);
  }
}
```

Ganache time traveler :-

For local Ethereum blockchain development and testing, Ganache is a well-liked tool. Developers can deploy and test smart contracts using the local blockchain environment it offers without having to connect to the actual Ethereum network. The ability to alter the blockchain timestamp is one of Ganache's features, and using it to test time-dependent functions in your smart contracts can be helpful.