



We only accept the homework **delivered via lms (lms.iut.ac.ir)**, before the deadline.

As I addressed in the last video of Module 3, in this homework you are supposed to prepare a short report about a smart contract over Blockchain. Hence, please **watch the last video** before starting this homework.

1. Select a scenario and discuss the main players of the smart contract, their benefits, their roles, and the rules that must be considered in that contract.
2. Discuss the main benefits of the selected smart contract in comparison with traditional contracts.
3. Present a piece of code that they have used to implement the smart contract. Explain the programming language and some details of the implemented contract.
4. Explain how cryptocurrency has been used in this smart contract.
5. Note that the selected smart contract can be implemented in Ethereum.

You can deliver this homework individually or in a group, with up to 3 students.