**Solidity:**

-> A contract-oriented high level language for implementing and developing smart contracts.

-> statically typed, and supports libraries, inheritance, and complex user-defined types as well just like other high level languages like: C++, Java, etc.

-> designed to target Ethereum Virtual Machine (EVM), that’s why we are using it.. because the bockchain we’re going to work on is Ethereum.

-> starting project with smart contract development using Solidity : )

-> for testing the Smart contract we are using Remix, a website where we can right, test and locally deploy smart contracts using solidity and Ethereum.

-> smart contracts are publically accessible

**Hardhat:**

-> Hardhat is a development environment for Ethereum software.

-> we are using it to develop and deploy contracts that are written in solidity.

References:

YT -> <https://www.youtube.com/watch?v=ipwxYa-F1uY>

Remix (for testing) -> <https://remix.ethereum.org>