

BLOCKCHAIN AND DeFI
What is blockchain
How blockchain works
What is block (list all fields), What is Gas.
What is transaction(list all fields)
External onwed vs Contract accounts
What is token
What is ERC20, what type of token you know
What is DeFi, What DeFi you know
What is Uniswap (liquidity pool, lp token)
What is AAVE, flash-loan
SOLIDITY
What type of solidity language
Smart-Contract, Smart-Cntract structure
Solidity types
Solidity complex types
What is events
What is modifiers
Revert, require, assert
Datastrucutres in solidity
Addresses is solidity
Memory types in solidity (memory vs storage)
Variables scope and types (public, private....)
Function types in solidity (external, public...)
View, pure and payable functions
Fallback and receive functions
Contract, abstract contract, interface, library (OOP)
Interface (connections)
Variable packing
What is ABI

Global objects in Solidity (msg, tx, block)
What is delegate call
Vulnerabilities in smart-contract (reentrancy, flash-loan, frontrun)
Gas prices in solidity (Solidity yellow paper) https://ethereum.github.io/yellowpaper/paper.pdf