Utilizations of algorithams , dynamic programming, optimal memory utilisation

Team ID	NM2023TMID04387
Project Name	Project – Ethereum Decentralised Identity Smart Contract

The Algorithm Used In Ethereum Blockchain:

Ethereum mining used an algorithm known as Ethash. The fundamental idea of the algorithm is that a miner tries to find a nonce input using brute force computation so that the resulting hash is smaller than a threshold determined by the calculated difficulty.

Solidity:

Solidity is the most popular blockchain programming language of the Ethereum Virtual Machine (EVM), also widely used across a range of EVM-compatible blockchains.
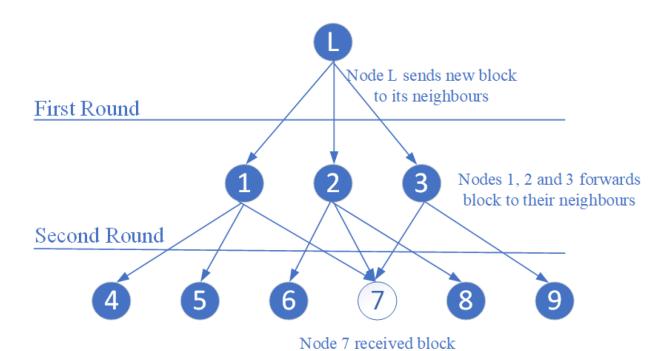
Two Types Of Accounts In Ethereum:

Externally Owned Accounts (EOA) and Contract Accounts.

The Four Stages Of Ethereum

Ethereum's Four Stages Of Development

The four main development stages are codenamed Frontier, Homestead, Metropolis, and Serenity. The intermediate hard forks that have occurred (or are planned) to date are codenamed Ice Age, DAO, Tangerine Whistle, Spurious Dragon, Byzantium, and Constantinople.

First Round

Node L sends new block
to its neighbours

Nodes 1, 2 and 3 forwards
block to their neighbours

Second Round

Node 7 received block
three times