

Blocks and Chains

May 16, 2021

Work Done

1. **Creating individual Repositories:** Started the project with each Mentee creating a fresh repository which houses the solutions to the assignment He/She does. Since, they were doing this for the first time, so we taught them the basics of version controlling using Git and Github.
2. **Learning a new programming language:** Since most of the work in the project will be done using JavaScript, the mentees were told to get acquainted with JS. Resources and tutorials were shared with them for this purpose. Instructions were given for installation and setting up the working environment and project structure for JS projects was explained which were to be followed in future assignments. One week was spent on this learning version control, setting up the environment and learning NodeJS.
3. **First Task:** Task on calculation of Nonce value for any string was floated in the form of first assignment. One week was given for its completion as it was a new experience for all of them working on a new language.
4. **Basics of Blockchains:** Videos and blogs were shared among mentees to make them aware of what blockchains are and how they work internally. This provided an overview of what they will be doing in this project in the coming weeks.
5. **Second Task:** Second task was floated after this and the mentees were supposed to implement the signature creation and verification process deployed in the blockchains. Since, the coming week was exam week for them. So, the deadline was given to be 15th May for them to complete the work in leisure.