A.D. PROJECT

DETAILS ABOUT OUR GROUP MEMBERS:

|  |  |  |
| --- | --- | --- |
| **NAME** | **REDG. No.** | **PROJECT** |
| ANSHUMAN SATPATHY | 2041019175 | IN PROCESS |
| VISHAL MISHRA | 2041013279 | IN PROCESS |
| SAINA ASHOK SAHOO | 2041019398 | IN PROCESS |
| SIKHA MADHU LAGNA PATRA | 2041016161 | IN PROCESS |

**Topics choosen:-**

1. Anshuman Satpathy

Git ID: Kumar-pronit

Topic: Linked list-based data structure

I: Cyclic double list

II: Cyclic list

III: Single list

1. Vishal Mishra

Git ID: vm644496

Topic: Graph Data Structure And Algorithms

I: Dijkstra's algorithm

II: Prim's algorithms

III: Kruskal algorithms

1. Saina Ashok Sahoo

Git ID: Sainasahoo

Topic: Array based data structure

I: Stack

II: Linked Stack

III: Dynamic Stack

1. Sikha Madhu Lagna Patra

Git ID: Sikhapatra

Topic: Hash-Table Data Structure

I: Binary heap

II: Heapify

III: Stable binary heap

1. Whole team

Topic: Tree Based Data Structure

I: AVL tree

II: Expression tree

III: B tree