A.D. ASSIGNMENT

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| **NAME** | **REGE. No.** | **GITHUB ID** | **PROJECT** |
| ABHISHEK KUMAR | 2041011087 | AK1087 | IN PROCESS |
| SYED EEBAD REZA | 2041018153 | EEBADREZA | IN PROCESS |
| ABHISHEK KUMAR | 2041011090 | Abhi11090 | IN PROCESS |
| PRITAM SAHOO | 2041019065 | Pritamsahoo5874 | IN PROCESS |
| SHOUBHAGYA RANJAN NAYAK | 2041014047 | Soubhagya55 | IN PROCESS |

DETAILS ABOUT OUR GROUP MEMBERS:--

**Topics choosen:-**

1.Abhishek Kumar (2041011087):--HASH-table data structure

Binary heap

Dynamic min heap

Quadratic hash table

2.Abhishek Kumar (2041011090):--Linked -list-based data

1. Cyclic double list
2. Double list
3. Sorted single list

3.Pritam Sahoo (2041019065):--Tree based data Structure

1. Lazy deletion tree
2. AVL tree
3. B tree

4.Syed Eebad Reza (2041018153):--Graph data structure

1. Topological Sort
2. Dijkstra’s algorithm
3. Kruskal’s algorithm

5.Shoubhagya Ranjan Nayak (2041014047):--Array based data

1. Stack
2. Dynamic Stack
3. Linked Stack