***DS PROJECT***

***PHONE DIRECTORY***

SUBMITTED BY:-

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BATCH :- B1

***PROBLEM STATEMENT***

Our project is Friend's Phone Directory-

It creates a separate Phone Directory for each individual.

According to an alphabet individual can add name and contact number of his/her friends.

We can search name and contact number of a particular friend by entering its directory holder.

History is created for the last three entries of the directory holders.

Finally the directory can be viewed, arranged in a systematic order.

***CORE FUNCTIONS***

1) viewfrenz():-

We have passed head node of multi-list 'name' . It asks for the directory holder's name and returns friends name and contact number under it.

2) view():-

It allows us to see the whole directory with its individual directory holder names and their friends with name and contact number.

3) maximum():-

It displays the directory holder's name under which there is maximum number of friends.

4) insertname():-

It adds a new directory holder name.

5) insertfriend():-

It inserts a new friend's name and contact number under a particular directory holder.

6) qdisplay():-

It displays the last three entered directory holder names added in the main directory.

***LIST OF DATA STRUCTRES USED***

* SEARCHING
* SINGLY LINKED LIST
* MULTI LINKED LIST
* CIRCULAR QUEUE