```
Which operation do you want to perform :
                   1)Insert Element
                  2)Search
1
Which Hashing Technique do you want to implement : 1)Chaining without replacement
                   2)Chaining With Replacement
Choice : 1
Name : Shubham
Mobile No :8805302197
Index
                           Mobile No
                                         Chain
          Name
          NONE
                           - 1
                                         - 1
          NONE
1
                           -1
                                         - 1
2
          NONE
                           - 1
                                         - 1
3
          NONE
                           - 1
                                         - 1
4
          NONE
                                         -1
                           - 1
5
          NONE
                           -1
                                         - 1
6
          NONE
                           - 1
                                         - 1
7
          NONE
                           - 1
                                         - 1
          NONE
8
                           - 1
                                         - 1
          NONE
                           - 1
                                         - 1
          Shubham
                           8805302197
                                        - 1
Do you want to add another record : 1
Name : Athang
Mobile No :8805302189
                                         Chain
Index
          Name
                           Mobile No
          NONE
                           -1
                                         -1
1
          NONE
                           - 1
                                         - 1
2
                           8805302189
          Athang
                                         - 1
3
          NONE
                                         - 1
                           - 1
4
          NONE
                           - 1
                                         - 1
5
          NONE
                           -1
                                         - 1
6
          NONE
                           - 1
                                         - 1
7
          NONE
                           -1
                                         - 1
8
          NONE
                           - 1
                                         - 1
9
          NONE
                           - 1
                                         - 1
10
                           8805302197
          Shubham
                                        - 1
Do you want to add another record : 1
Name : Rohit
Mobile No :8805302178
Index
                           Mobile No
                                         Chain
          Name
          NONE
                           - 1
                                         - 1
1
2
          NONE
                           - 1
                                         - 1
          Athang
                           8805302189
                                         3
3
          Rohit
                           8805302178
                                         -1
4
          NONE
                           - 1
                                         - 1
5
          NONE
                           - 1
                                         - 1
6
          NONE
                           -1
                                         - 1
7
          NONE
                           - 1
                                         -1
8
          NONE
                           -1
                                         - 1
9
          NONE
                           - 1
                                         - 1
10
          Shubham
                           8805302197
                                        -1
Do you want to add another record : 1
Name : Vishwesh
Mobile No :8805302167
Index
          Name
                           Mobile No
                                         Chain
          NONE
0
                           - 1
                                         - 1
1
          NONE
                           - 1
                                         - 1
2
                           8805302189
          Athang
                                         3
3
          Rohit
                           8805302178
4
          Vishwesh
                           8805302167
                                        - 1
```

```
NONE
6
          NONE
                          - 1
                                       - 1
7
          NONE
                          - 1
                                       - 1
8
          NONE
                          -1
                                       -1
9
          NONE
                          - 1
                                       - 1
10
                         8805302197
          Shubham
                                      - 1
Do you want to add another record : 1
Name : Yash
Mobile No :8805302190
Index
          Name
                         Mobile No
                                       Chain
          NONE
                         - 1
                                       - 1
1
          NONE
                          - 1
                                       - 1
2
          Athang
                         8805302189
                                       3
3
          Rohit
                         8805302178
                                       4
4
          Vishwesh
                         8805302167
5
          Yash
                         8805302190
                                       - 1
          NONE
6
                         - 1
                                       - 1
          NONE
7
                          - 1
                                       - 1
8
          NONE
                          - 1
                                       - 1
9
          NONE
                          - 1
                                       - 1
10
          Shubham
                         8805302197
                                      - 1
Do you want to add another record : 0
Do you want to continue[Y-1/N-0] : 1
Which operation do you want to perform :
                  1)Insert Element
                  2)Search
2
Enter Name you want to search : Athang
Enter mobile no you want to search: 8805302189
ENTRY FOUND IN HASH TABLE AT INDEX '2'
Do you want to continue[Y-1/N-0] : 1
Which operation do you want to perform :
                  1) Insert Element
                  2)Search
1
Which Hashing Technique do you want to implement :
                  1)Chaining without replacement 2)Chaining With Replacement
Choice : 2
Name : Shubham
Mobile No :8805302197
Index
                         Mobile No
                                       Chain
          Name
          NONE
0
                         - 1
                                       - 1
1
          NONE
                          - 1
                                       - 1
2
          NONE
                         - 1
                                       - 1
3
          NONE
                                       -1
                         - 1
4
          NONE
                          - 1
                                       - 1
5
          NONE
                          - 1
                                       - 1
6
          NONE
                          -1
                                       - 1
7
          NONE
                          -1
                                       - 1
8
          NONE
                          -1
                                       - 1
9
          NONE
                          - 1
                                       - 1
10
                         8805302197
          Shubham
                                       - 1
Do you want to add another record : 1
Name : Athang
Mobile No :8805302189
Index
          Name
                         Mobile No
                                       Chain
          NONE
                          - 1
                                       - 1
1
          NONE
                          - 1
                                       - 1
```

```
2
          Athang
                          8805302189
3
          NONE
                          - 1
                                       - 1
4
          NONE
                          - 1
                                       - 1
5
          NONE
                          -1
                                       -1
6
          NONE
                          - 1
                                       - 1
7
          NONE
                          - 1
                                       - 1
          NONE
8
                          - 1
                                       - 1
          NONE
                          - 1
                                       - 1
          Shubham
                          8805302197
                                      - 1
Do you want to add another record : 1
Name : Rohit
Mobile No :8805302178
Index
          Name
                          Mobile No
                                       Chain
          NONE
                          - 1
                                       - 1
1
          NONE
                          - 1
                                       - 1
2
          Athang
                          8805302189
                                       3
          Rohit
3
                          8805302178
                                       - 1
4
          NONE
                          - 1
                                       - 1
5
          NONE
                          - 1
                                        - 1
6
          NONE
                          - 1
                                       - 1
7
          NONE
                          - 1
                                       - 1
8
          NONE
                          -1
                                       - 1
9
          NONE
                          - 1
                                       - 1
10
                          8805302197
          Shubham
                                      - 1
Do you want to add another record : 1
Name : Vishwesh
Mobile No :8805302167
Index
          Name
                          Mobile No
                                       Chain
          NONE
                          - 1
                                       - 1
          NONE
1
                          - 1
                                       - 1
2
          Athang
                          8805302189
                                       3
3
          Rohit
                          8805302178
                                       4
4
          Vishwesh
                          8805302167
                                       -1
5
          NONE
                          - 1
                                       - 1
6
          NONE
                          - 1
                                       -1
7
          NONE
                          - 1
                                       - 1
8
          NONE
                          - 1
                                       - 1
9
          NONE
                          - 1
                                       - 1
10
          Shubham
                          8805302197
                                       - 1
Do you want to add another record : 1
Name : Yash
Mobile No :8805302190
Index
                          Mobile No
                                       Chain
          Name
          NONE
                          - 1
                                       - 1
1
          NONE
                                       - 1
                          - 1
2
          Athang
                          8805302189
                                       5
3
          Yash
                          8805302190
                                       - 1
4
          Vishwesh
                          8805302167
                                       - 1
5
          Rohit
                          8805302178
6
          NONE
                                       -1
                          - 1
7
          NONE
                          - 1
                                       - 1
8
          NONE
                          - 1
                                       - 1
9
          NONE
                          -1
                                       -1
10
          Shubham
                          8805302197
                                      - 1
Do you want to add another record : 0
Do you want to continue[Y-1/N-0] : 1
Which operation do you want to perform :
                  1)Insert Element
                  2)Search
Enter Name you want to search : Yash
Enter mobile no you want to search: 8805302190
```

ENTRY FOUND IN HASH TABLE AT INDEX '3' Do you want to continue[Y-1/N-0] : 0