```
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     Name          Mobile No   Chain
0         NONE          -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        Shubham       8805302197  -1
Do you want to add another record : 1
Name : Athang
Mobile No :8805302189

Index     Name          Mobile No   Chain
0         NONE          -1          -1
1         NONE          -1          -1
2         Athang        8805302189  -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        Shubham       8805302197  -1
Do you want to add another record : 1
Name : Rohit
Mobile No :8805302178

Index     Name          Mobile No   Chain
0         NONE          -1          -1
1         NONE          -1          -1
2         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
0         NONE          -1          -1
1         NONE          -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	Name	Mobile No	Chain
0	NONE	-1	-1
1	NONE	-1	-1
2	Athang	8805302189	3
3	Rohit	8805302178	4
4	Vishwesh	8805302167	5
5	Yash	8805302190	-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 : 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	Name	Mobile No	Chain
0	NONE	-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	Shubham	8805302197	-1

```
Do you want to add another record : 1
Name : Athang
Mobile No :8805302189
```

Index	Name	Mobile No	Chain
0	NONE	-1	-1
1	NONE	-1	-1

```
2         Athang          8805302189  -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        Shubham         8805302197  -1
Do you want to add another record : 1
Name : Rohit
Mobile No :8805302178

Index     Name            Mobile No   Chain
0         NONE            -1          -1
1         NONE            -1          -1
2         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
0         NONE            -1          -1
1         NONE            -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     Name            Mobile No   Chain
0         NONE            -1          -1
1         NONE            -1          -1
2         Athang          8805302189  5
3         Yash            8805302190  -1
4         Vishwesh        8805302167  -1
5         Rohit           8805302178  4
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
2
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
```