

```
Someshwars-MacBook-Pro:Assignment 9 someshwargaikwad$ g++ Assignment9.cpp table.cpp  
-o Assignment9
```

```
Someshwars-MacBook-Pro:Assignment 9 someshwargaikwad$ ./Assignment9
```

```
-----  
Select the Options
```

- ```

1. Linear Probing with Replacement
2. Linear Probing with Replacement
3. Exit
```

```
Your Choice: 1
```

```

Select the Options
```

- ```
-----  
1. Insert a Value  
2. Search for a Value  
3. Display Table  
4. Back
```

```
Your Choice: 1
```

```
Name : 9
```

```
Tel No: 9
```

```
-----  
Select the Options
```

- ```

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back
```

```
Your Choice: 1
```

```
Name : 45
```

```
Tel No: 45
```

```

Select the Options
```

- ```
-----  
1. Insert a Value  
2. Search for a Value  
3. Display Table  
4. Back
```

```
Your Choice: 1
```

```
Name : 13
```

```
Tel No: 13
```

```
-----  
Select the Options
```

-
- 1. Insert a Value
 - 2. Search for a Value
 - 3. Display Table
 - 4. Back

Your Choice: 1

Name : 59
Tel No: 59

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 12
Tel No: 12

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 80
Tel No: 80

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 75
Tel No: 75

Select the Options

-
- 1. Insert a Value
 - 2. Search for a Value
 - 3. Display Table
 - 4. Back

Your Choice: 1

Name : 88
Tel No: 88

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 11
Tel No: 11

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 106
Tel No: 106

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 46
Tel No: 46

Table is Full

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 3

Index	Name	Tel No	Flag	Chain
0	80	80	1	-1
1	11	11	1	-1
2	12	12	1	-1
3	13	13	1	-1
4	59	59	1	-1
5	45	45	1	7
6	106	106	1	-1
7	75	75	1	-1
8	88	88	1	-1
9	9	9	1	4

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 2

Tel No: 59

Data Found: Name: 59 Tel No: 59

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 2

Tel No: 57

Data not Found

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 4

Select the Options

1. Linear Probing with Replacement
2. Linear Probing with Replacement
3. Exit

Your Choice: 2

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 1

Name : 9
Tel No: 9

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 1

Name : 45
Tel No: 45

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 1

Name : 13
Tel No: 13

Select the Options

1. Insert a Value

- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 59

Tel No: 59

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 12

Tel No: 12

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 80

Tel No: 80

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 75

Tel No: 75

Select the Options

- 1. Insert a Value

- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 8
Tel No: 8

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 11
Tel No: 11

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 106
Tel No: 106

Select the Options

- 1. Insert a Value
- 2. Search for a Value
- 3. Display Table
- 4. Back

Your Choice: 1

Name : 46
Tel No: 46

Table is Full

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 3

Index	Name	Tel No	Flag	Chain
0	59	59	1	-1
1	80	80	1	-1
2	12	12	1	-1
3	13	13	1	-1
4	11	11	1	-1
5	45	45	1	6
6	75	75	1	-1
7	106	106	1	-1
8	8	8	1	-1
9	9	9	1	0

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 2

Tel No: 59

Data Found: Name: 59 Tel No: 59

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 2

Tel No: 37

Data not Found

Select the Options

1. Insert a Value
2. Search for a Value
3. Display Table
4. Back

Your Choice: 4

Select the Options

- 1. Linear Probing with Replacement
- 2. Linear Probing with Replacement
- 3. Exit

Your Choice: 3

End

Someshwars-MacBook-Pro:Assignment 9 someshwargaikwad\$