

GURAV VISHNU B  
642403005

## OUTPUT CHAINING

```
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING> cd 'c:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\chaining_method\output'
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\chaining_method\output
t> & .\'main.exe'
Index  Data
0      --
1      --
2      72 ->
3      63 -> 33 ->
4      --
5      45 ->
6      56 ->
7      --
8      --
9      149 ->
Index  Data
0      --
1      --
2      72 ->
3      63 -> 33 ->
4      --
5      45 ->
6      --
7      --
8      --
9      --
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\chaining_method\output
t> 
```

Compiled successfully!

## OUTPUT HASH TABLE

```
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\hash_functions\output
> cd 'c:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\hash_functions\output'
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\hash_functions\output
> & .\'main.exe'
Collision Occured
Element already present at the index
Collision Occured
Element already present at the index
Index  Data
0      30
1      --
2      --
3      --
4      --
5      55
6      --
7      --
8      --
9      --
Index  Data
0      --
1      --
2      --
3      --
4      --
5      55
6      --
7      --
8      --
9      --
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\hash_functions\output
> 
```

Compiled successfully!

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## OUTPUT FOR LINEAR PROBING

```
ing\output> & .\'main.exe'
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Index  Data
0      40
1      50
2      30
3      132
4      102
5      35
6      45
7      --
8      --
9      --
Element deleted successfully
Element not foundIndex  Data
0      --
1      50
2      30
3      132
4      102
5      35
6      45
7      --
8      --
9      --
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\linear_quadratic_prob
ing\output> |
```

## OUTPUT QUADRATIC PROBING

```
DEBUG CONSOLE  OUTPUT  PROBLEMS  TERMINAL  PORTS

ing\output> & .\'main.exe'
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Element inserted successfully
Index  Data
0      40
1      50
2      132
3      102
4      30
5      35
6      45
7      --
8      --
9      --
Element deleted successfully
Element not foundIndex  Data
0      --
1      50
2      132
3      102
4      30
5      35
6      45
7      --
8      --
9      --
PS C:\Users\Vishnu\Desktop\24-25\DSA 24-25\ASSIGNMENT\642403005 ASSIGNMENT HASHING\hashing Assignment\linear_quadratic_prob
ing\output> |
```