

OUTPUT:

\*\*\*\*\*Main Menu\*\*\*\*\*

Choose one option from the followinglist ...

=====

- 1.Insert in begining
- 2.Insert at last
- 3.Insert at any random location
- 4.Delete fromBeginning
- 5.Delete from last
- 6.Delete the nodeafter the given data
- 7.Search
- 8.Show
- 9.Exit

Enter your choice?

1

Enter Item value10

Node inserted

\*\*\*\*\*Main Menu\*\*\*\*\*

Choose one option from the followinglist ...

=====

- 1.Insert in begining
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- 5.Delete from last
- 6.Delete the nodeafter the given data
- 7.Search
- 8.Show
- 9.Exit

Enter your choice?

1

Enter Item value20

Node inserted

\*\*\*\*\*Main Menu\*\*\*\*\*

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=====

- 1.Insert in begining
- 2.Insert at last
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- 6.Delete the nodeafter the given data
- 7.Search
- 8.Show
- 9.Exit

Enter your choice?

2

Enter value30

node inserted

\*\*\*\*\*Main Menu\*\*\*\*\*

Choose one option from the followinglist ...

=====

- 1.Insert in begining
- 2.Insert at last
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- 5.Delete from last
- 6.Delete the nodeafter the given data
- 7.Search
- 8.Show
- 9.Exit

Enter your choice?

4 3

Enter the location40

There are less than 40 elements

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- 9.Exit

Enter your choice?

4

node deleted

\*\*\*\*\*Main Menu\*\*\*\*\*

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1.Insert in begining

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5.Delete from last

6.Delete the nodeafter the given data

7.Search

8.Show

9.Exit

Enter your choice?

5

node deleted

\*\*\*\*\*Main Menu\*\*\*\*\*

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- 8.Show
- 9.Exit

Enter your choice?

8

printing values...

10

\*\*\*\*\*Main Menu\*\*\*\*\*

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- 8.Show
- 9.Exit

Enter your choice?

6

Enter the data after which the node is to bedeleted : 10

Can't delete

\*\*\*\*\*Main Menu\*\*\*\*\*

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5.Delete from last

6.Delete the nodeafter the given data

7.Search

8.Show

9.Exit

Enter your choice?

7

Enter item which you want to search?

10

item found at location 1

\*\*\*\*\*Main Menu\*\*\*\*\*

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3.Insert at any random location

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5.Delete from last

6.Delete the nodeafter the given data

7.Search

8.Show



## 9.Exit

Enter your choice?

9

\

```
main.c
input

*****Main Menu*****

Choose one option from the followinglist ...

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8.Show
9.Exit

Enter your choice?
1

Enter Item value10

Node inserted

*****Main Menu*****

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Enter Item value20

Node inserted

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```

```
-- Code, Compile, Run, Debug online C, C++
main.c
input
7.Search
8.Show
9.Exit
Enter your choice?
2
Enter value30
node inserted
*****Main Menu*****
Choose one option from the followinglist ...
=====
1.Insert in beginning
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3.Insert at any random location
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5.Delete from last
6.Delete the nodeafter the given data
7.Search
8.Show
9.Exit
Enter your choice?
3
```

```
-- Code, Compile, Run, Debug online C, C++
main.c
input
Enter the location40
There are less than 40 elements
*****Main Menu*****
Choose one option from the followinglist ...
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1.Insert in beginning
2.Insert at last
3.Insert at any random location
4.Delete fromBeginning
5.Delete from last
6.Delete the nodeafter the given data
7.Search
8.Show
9.Exit
Enter your choice?
4
node deleted
*****Main Menu*****
Choose one option from the followinglist ...
=====
dUs
```

```
Code, Compile, Run, Debug online C, C++
main.c
input
1.Insert in beginning
2.Insert at last
3.Insert at any random location
4.Delete fromBeginning
5.Delete from last
6.Delete the nodeafter the given data
7.Search
8.Show
9.Exit
Enter your choice?
5
<
node deleted
*****Main Menu*****
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7.Search
8.Show
9.Exit
Enter your choice?
8
printing values...
10
*****Main Menu*****
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7.Search
8.Show
9.Exit
Enter your choice?
6
```

```
er - Code, Compile, Run, Debug online C, C++
main.c
input
Enter the data after which the node is to be deleted : 10
Can't delete
*****Main Menu*****
Choose one option from the following list ...
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6.Delete the node after the given data
7.Search
8.Show
9.Exit
Enter your choice?
7
Enter item which you want to search?
10
item found at location 1
*****Main Menu*****
Choose one option from the following list ...
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5.Delete from last
6.Delete the node after the given data
7.Search
8.Show
9.Exit
Enter your choice?
9
\
...Program finished with exit code 0
Press ENTER to exit console.
```