Problem-1 ARRAY IMPLEMENTATION OF LIST ADT

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Main Menu

1. Create

2. Delete

3. Search

4. Insert

5. Display

6. Exit


Enter your Choice: 1


Enter the number of nodes: 5

Enter Element 1: 10

Enter Element 2: 20

Enter Element 3: 30

Enter Element 4: 40

Enter Element 5: 50


Do you want to continue (y/n): y
```

```
Main Menu

1. Create

2. Delete

3. Search

4. Insert

5. Display

6. Exit


Enter your Choice: 2


Enter the position you want to delete: 3


The Elements after deletion:

The Elements of The list ADT are:

10

20

40

50
```

```
Do you want to continue (y/n): y

Main Menu
1. Create
2. Delete
3. Search
4. Insert
5. Display
6. Exit

Enter your Choice: 3

Enter the Element to be searched: 40

Value 40 is found at position 3.

Do you want to continue (y/n): y
```

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Main Menu
1. Create
2. Delete
3. Search
4. Insert
5. Display
6. Exit

Enter your Choice: 4

Enter the position you need to insert: 3
Enter the element to insert: 35

The list after insertion:
The Elements of The list ADT are:
10
20
35
```

```
10
20
35
40
50


Do you want to continue (y/n): y

Main Menu
1. Create
2. Delete
3. Search
4. Insert
5. Display
6. Exit


Enter your Choice: 5
```

```
Enter your Choice: 5

The Elements of The list ADT are:
10
20
35
40
50


Do you want to continue (y/n): n
```

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