

```
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 1  
How many values?4  
Enter value 1:10  
Enter value 2:20  
Enter value 3:30  
Enter value 4:40
```

```
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 2  
Enter value: 15
```

```
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 3  
Enter value: 25
```

```
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 4  
Enter value: 35  
Enter position: 4  
  
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 7  
Doubly Linked List: 15 <-> 10 <-> 35 <-> 20 <-> 30 <-> 40 <-> 25 <-> NULL  
  
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 5  
Enter value to delete: 40  
Deleted value 40
```

```
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 6  
Enter position to delete: 2  
  
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 7  
Doubly Linked List: 15 <-> 35 <-> 20 <-> 30 <-> 25 <-> NULL  
  
----- DOUBLY LINKED LIST MENU -----  
1. Create doubly linked list  
2. Insert at Start  
3. Insert at End  
4. Insert at left of Position  
5. Delete by Value  
6. Delete by Position  
7. Display  
8. Exit  
Enter your choice: 8  
Exiting  
PS C:\Users\student> []
```