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How to run:

1. Enter 1 if you would like to run the Linked List, 2 If you would like to run the Company or 3 to quit
2. Enter number before the option to choose it
3. Follow inputs on screen
4. Enter 11 to quit out of the LinkedList

Output Screenshots:

```
D:\School\Data Structures ani x + v
1. Linked List
2. Company
3. Quit
Which part of the assignment would you like to run?
1
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 1
Enter value you would like to push to the front: 10
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 2
Enter value you would like to push to the back: 12
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 2
Enter value you would like to push to the back: 13
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 2
Enter value you would like to push to the back: 14
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 2
Enter value you would like to push to the back: 15
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 3
10 was removed from the front of the list
```

```
D:\School\Data Structures ani x + v
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 4
15 was removed from the back of the list
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 5
Item at the front of the list: 12
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 6
Item at the back of the list: 14
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 7
The List is not empty
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 8
Enter the index at which you like to insert: 3
Enter the value you would like to insert: 22
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 9
Enter the index at which you would like to remove: 1
```

```

What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 10
Enter the value you would like to find: 22
Item found at position: 2
What would you like to do?
1. Push to the front of the list
2. Push to the back of the list
3. Remove from the front of the list
4. Remove from the back of the list
5. Print front of list
6. Print back of list
7. Check if list is empty
8. Insert item into the list
9. Remove item from list
10. Find item in list
11. Quit
Enter Choice: 11
1. Linked List
2. Company
3. Quit
Which part of the assignment would you like to run?
2
Jeff Dahmer is a professional at our company. He is 25 years old. Jeff earns $10000 and has 25 vacation days. His weekly salary is $2500
Ted Bundy is not a professional at our company. He is 28 years old. Ted earned $1344 this week and earned 4 vacation hours. He has also earned $134 in health care contributions this week.
1. Linked List
2. Company
3. Quit
Which part of the assignment would you like to run?
3

D:\School\Data Structures and Algorithms\Assignment 2\Assignment 2\x64\Debug\Assignment 2.exe (process 31800) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .

```