```
WELCOME TO THE MAIN MENU:
1. Print Linked List
2. Insert at Front
3. Insert at Back
4. Remove from Front
5. Remove from Back
6. Insert at Index
7. Remove at Index
8. Find Item
9. Display Front Item
WELCOME TO THE MAIN MENU:
1. Print Linked List
2. Insert at Front
3. Insert at Back
4. Remove from Front
5. Remove from Back
6. Insert at Index
7. Remove at Index
8. Find Item
9. Display Front Item
10. Display Back Item
0. Exit
Enter your choice=> 1
                                                                                                                                                                                                                              9. Display Front Item
10. Display Back Item
0. Exit
                                                                                                                                                                                                                              Enter your choice=> 1
1 10 9 8 7 6 5 4 3 2 1
 Enter your choice==> 1
10 9 8 7 6 5 4 3 2 1
                                                                                                                                                                                                                              WELCOME TO THE MAIN MENU:
1. Print Linked List
2. Insert at Front
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6. Insert at Index
WELCOME TO THE MAIN MENU:
1. Print Linked List
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7. Remove at Index
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9. Display Front Item
10. Display Back Item
0. Exit
                                                                                                                                                                                                                             6. Insert at Index
7. Remove at Index
8. Find Item
                                                                                                                                                                                                                              9. Display Front Item
10. Display Back Item
0. Exit
  0. Exit
                                                                                                                                                                                                                              Enter your choice==> 3
Enter number to insert at back! ==> 1
 Enter your choice=> 2
Enter number to insert in the front! => 1
```

WELCOME TO THE MAIN MENU: 1. Print Linked List 2. Insert at Front 3. Insert at Back 4. Remove from Front 5. Remove from Front 5. Remove from Back 6. Insert at Index 7. Remove at Index Find Item 9. Display Front Item 10. Display Back Item Exit

Enter your choice==> 1 1 10 9 8 7 6 5 4 3 2 1 1 WELCOME TO THE MAIN MENU: 1. Print Linked List Insert at Front Insert at Back Remove from Front 5. Remove from Back 6. Insert at Index 7. Remove at Index 8. Find Item 9. Display Front Item 10. Display Back Item 0. Exit

Enter your choice==> 4

WELCOME TO THE MAIN MENU: Print Linked List Insert at Front Insert at Back

4. Remove from Front 5. Remove from Back

6. Insert at Index

7. Remove at Index 8. Find Item Display Front Item
 Display Back Item

0. Exit

Enter your choice==> 1 10 9 8 7 6 5 4 3 2 1 1

WELCOME TO THE MAIN MENU: 1. Print Linked List

 Insert at Front
 Insert at Back Remove from Front
 Remove from Back
 Insert at Index

7. Remove at Index 8. Find Item

9. Display Front Item 10. Display Back Item

0. Exit

Enter your choice==> 5

WELCOME TO THE MAIN MENU:
1. Print Linked List
2. Insert at Front
3. Insert at Back
4. Remove from Front
5. Remove from Back

6. Insert at Index 7. Remove at Index 8. Find Item

9. Display Front Item 10. Display Back Item 0. Exit

Enter your choice==> 1 10 9 8 7 6 5 4 3 2 1

WELCOME TO THE MAIN MENU:

1. Print Linked List

1. Frint Linked List
2. Insert at Front
3. Insert at Back
4. Remove from Front
5. Remove from Back
6. Insert at Index
7. Remove at Index
8. Find Itam

8. Find Item

9. Display Front Item 10. Display Back Item

0. Exit

Enter your choice=> 6
Enter index => 3
Enter number to insert => 1

WELCOME TO THE MAIN MENU: 1. Print Linked List
2. Insert at Front
3. Insert at Back 4. Remove from Front 5. Remove from Back 6. Insert at Index7. Remove at Index 8. Find Item 9. Display Front Item 10. Display Back Item 0. Exit Enter your choice==> 1 10 9 8 1 7 6 5 4 3 2 1 WELCOME TO THE MAIN MENU: 1. Print Linked List 2. Insert at Front
3. Insert at Back
4. Remove from Front Remove from Back 6. Insert at Index 7. Remove at Index 8. Find Item 9. Display Front Item 10. Display Back Item Exit Enter your choice==> 7
Enter index to remove ==> 3

WELCOME TO THE MAIN MENU: 1. Print Linked List 2. Insert at Front 3. Insert at Back
4. Remove from Front
5. Remove from Back
6. Insert at Index
7. Remove at Index 8. Find Item 9. Display Front Item 10. Display Back Item 0. Exit Enter your choice==> 1 10 9 8 7 6 5 4 3 2 1 WELCOME TO THE MAIN MENU: 1. Print Linked List 2. Insert at Front 3. Insert at Back 4. Remove from Front 5. Remove from Back 6. Insert at Index 7. Remove at Index 8. Find Item
9. Display Front Item
10. Display Back Item 0. Exit Enter your choice==> 8
Enter number to find ==> 4 Item found at index 6YAYY

WELCOME TO THE MAIN MENU:

- 1. Print Linked List
- 2. Insert at Front
- 3. Insert at Back
- Remove from Front
 Remove from Back
- 6. Insert at Index
- 7. Remove at Index
- 8. Find Item
- 9. Display Front Item 10. Display Back Item
- 0. Exit

Enter your choice==> 9
Front item: 10

WELCOME TO THE MAIN MENU:

- 1. Print Linked List
- 2. Insert at Front
- 3. Insert at Back
- Remove from Front
 Remove from Back
- 6. Insert at Index
- 7. Remove at Index
- 8. Find Item
- 9. Display Front Item 10. Display Back Item
- 0. Exit

Enter your choice==> 10

Back item: 1