

replit

```
108 int choice;
109
110 while(1)
111 {
112     printf(" 1. Insert at the beg \n");
113     printf(" 2. Insert at the end \n");
114     printf(" 3. Delete \n");
115     printf(" 4. Display\n");
116     printf(" 5. Exit\n");
117     printf("Enter your choice\n");
118     scanf("%d",&choice);
119     switch(choice)
120     {
121         case 1: insert_beg(); break;
122         case 2: insert_end();break;
123         case 3: del(); break;
124         case 4: display(); break;
125         case 5: exit(0);
126     }
127 }
128 }
```

clang-7 -pthread -lm -o main main.c  
./main  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
1  
Enter the item  
1  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
2  
Enter the item  
2  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
2  
Enter the item  
3  
1. Insert at the beg  
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4. Display

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```

1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
2  
Enter the item  
4  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
4  
Enter the element to be deleted  
2  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
4

replit

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```

3. Delete  
4. Display  
5. Exit  
Enter your choice  
4  
1 3 4  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
3  
Enter the element to be deleted  
3  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
4  
1 4  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
3  
Enter the element to be deleted  
4  
1. Insert at the beg

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replit

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```

1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
3  
Enter the element to be deleted  
4  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
3  
Enter the element to be deleted  
1  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
3  
Empty List  
1. Insert at the beg  
2. Insert at the end  
3. Delete  
4. Display  
5. Exit  
Enter your choice  
3

Windows taskbar: 10:29 11-12-2020