

# Doubly.c

```
#include<stdio.h>
#include<stdlib.h>
#include"doubly.h"
#include<malloc.h>
void main()
{
int ch,q=0;
do
{
printf("\n1.create\n2.display\n3.insert\n4.Delete\n5.search\n6.exit\n");
printf("Enter the choice : ");
scanf("%d",&ch);
switch(ch)
{
case 1: create();
break;
case 2: display();
break;
case 3: insert();
break;
case 4: delet();
break;
case 5: search();
break;
case 6: q=1;
break;
}
} while(q==0);
}
/*
```

Output->

```
1.create
2.display
3.insert
4.Delete
5.search
6.exit
Enter the choice : 1
```

How many values : 4

Enter actual value : 11 22 33 44

```
1.create
2.display
3.insert
4.Delete
5.search
6.exit
```

Enter the choice : 2

11223344

1.create

2.display

3.insert

4.Delete

5.search

6.exit

Enter the choice : 3

Enter position : 2

Enter the value to insert : 77

1.create

2.display

3.insert

4.Delete

5.search

6.exit

Enter the choice : 2

1177223344

1.create

2.display

3.insert

4.Delete

5.search

6.exit

Enter the choice : 4

Enter position : 3

1.create

2.display

3.insert

4.Delete

5.search

6.exit

Enter the choice : 2

11773344

1.create

2.display

3.insert

4.Delete

5.search

6.exit

Enter the choice : 5

Enter value to be searched : 33

Element is found at position 2

1.create

2.display

3.insert

4.Delete

5.search

6.exit

Enter the choice : 6

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