

Max Items: 30, Remove Items: 25

```
* Test 1: max = 30, remove = 25
* Test 2: max = 50, remove = 25
* Test 3: max = 10, remove = 5
*/
#define maxItems 30
#define removeItems 25

Number of comparisons made in add item of ordered list: 203
Number of moves made in add item of ordered list: 203

Number of comparisons made in remove item of ordered list: 25
Number of moves made in remove item of ordered list: 255

Number of comparisons made in add item of ordered list: 227
Number of moves made in add item of ordered list: 227

Number of comparisons made in remove item of ordered list: 25
Number of moves made in remove item of ordered list: 160

Number of comparisons made in add item of ordered list: 317
Number of moves made in add item of ordered list: 309

Number of comparisons made in remove item of ordered list: 25
Number of moves made in remove item of ordered list: 0

C:\Users\thavi\source\repos\Lab 2\Debug\Lab 2.exe (process 18352) 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 . . .

(Win32): Loaded 'C:\Windows\System32\kernel.appcore.dll'.

Output
```

Max Items: 50, Remove Items: 25

```
8 * Test 2: max = 50, remove = 25
9 * Test 3: max = 10, remove = 5
10 */
11 #define maxItems 50
12 #define removeItems 25
13
14 Microsoft Visual Studio Debug Console
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16 Number of comparisons made in add item of ordered list: 671
17 Number of moves made in add item of ordered list: 671
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19 Number of comparisons made in remove item of ordered list: 25
20 Number of moves made in remove item of ordered list: 463
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22 Number of comparisons made in add item of ordered list: 541
23 Number of moves made in add item of ordered list: 541
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25 Number of comparisons made in remove item of ordered list: 25
26 Number of moves made in remove item of ordered list: 566
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28 Number of comparisons made in add item of ordered list: 699
29 Number of moves made in add item of ordered list: 762
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31 Number of comparisons made in remove item of ordered list: 25
32 Number of moves made in remove item of ordered list: 0
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34 C:\Users\thavi\source\repos\Lab 2\Debug\Lab 2.exe (process 21184) exited with code 0.
35 To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
36 Press any key to close this window . . .
37
38 Output from program
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Max Items: 10, Remove Items: 5

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1 // Test 3: Max = 10, Remove = 5
2 */
3 #define maxItems 10
4 #define removeItems 5
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```

Microsoft Visual Studio Debug Console

Number of comparisons made in add item of ordered list: 30
Number of moves made in add item of ordered list: 30

Number of comparisons made in remove item of ordered list: 5
Number of moves made in remove item of ordered list: 19

Number of comparisons made in add item of ordered list: 15
Number of moves made in add item of ordered list: 15

Number of comparisons made in remove item of ordered list: 5
Number of moves made in remove item of ordered list: 15

Number of comparisons made in add item of ordered list: 43
Number of moves made in add item of ordered list: 20

Number of comparisons made in remove item of ordered list: 5
Number of moves made in remove item of ordered list: 0

C:\Users\thavi\source\repos\Lab 2\x64\Debug\Lab 2.exe (process 36252) 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 . . .

Output