C++ List Cheatsheet

# Declaration

list<int> List1;

# Initialization

list<int> List2 = { 1,2,3 };

# Insert

List2.insert(i, 10);

# Iteration

for (list<int>::iterator i = List2.begin(); i != List2.end(); i++)

{

cout << \*i << " "; // printing the list

}

cout << endl;

# Push

1. Push\_back(push the value at the end of the list): List2.push\_back(22);
2. Push\_front(push the value at the begining of the list): List2.push\_front(88);

# Pop

1. Pop\_back(pop the last element of the list):List2.pop\_back();
2. Pop\_Front(pop the first element of the list):Lis2.pop\_front();

# Reverse

Reverse(swaps the positions of the elements from front to back): List2.reverse();

# Swap

Swap 2 lists: List2.swap(List1);

# Size

Show the size of the list: List1.size();

# Sort

Sort the elements of the list:List1.sort();

# Merge

Merge 2 lists:List1.merge(List2);