// CPP Program to implement Deque in STL

#include <deque>

#include <iostream>

using namespace std;

void showdq(deque<int> g)

{

deque<int>::iterator it;

for (it = g.begin(); it != g.end(); ++it)

cout << '\t' << \*it;

cout << '\n';

}

void subset(deque<int> g)

{

deque<int>::iterator it;

for (it = g.begin(); it != g.end(); ++it)

cout << '\t' << \*it << \*it++ << \*it++;

cout << '\n';

}

int main()

{

deque<int> gquiz;

deque<int> ss;

gquiz.push\_back(23);

gquiz.push\_front(7);

gquiz.push\_back(7);

gquiz.push\_front(5);

gquiz.push\_back(1);

gquiz.push\_front(2);

gquiz.push\_front(3);

cout << "The deque gquiz is : ";

showdq(gquiz);

/\*

cout << "\ngquiz.size() : " << gquiz.size();

cout << "\ngquiz.max\_size() : " << gquiz.max\_size();

cout << "\ngquiz.at(2) : " << gquiz.at(2);

cout << "\ngquiz.front() : " << gquiz.front();

cout << "\ngquiz.back() : " << gquiz.back();

cout << "\ngquiz.pop\_front() : ";

gquiz.pop\_front();

showdq(gquiz);

cout << "\ngquiz.pop\_back() : ";

gquiz.pop\_back();

showdq(gquiz);

\*/

cout<<"\nsubsets:==";

ss.push\_back(23);

ss.push\_front(7);

ss.push\_back(7);

ss.push\_front(5);

ss.push\_back(1);

ss.push\_front(2);

ss.push\_front(3);

subset(ss);

return 0;

}