#include <iostream>

#include "intQueue.h"

using namespace std;

int main()

{

int n = 20;

intQueue q(n);

for (int i = 1; i <= n; i++)

{

cout << i << ' ';

cout << q.enqueue(i) << endl;

}

while (!q.Empty())

{

q.enqueue(q.front());

q.enqueue(q.front());

q.dequeue();

}

return 0;

}