/\*

samne piche duidik diye e push hobe. abar ber o kora jabe duidik diye e.

\*/

#include<bits/stdc++.h>

using namespace std;

#define optimize() ios\_base::sync\_with\_stdio(0);cin.tie(0);cout.tie(0);

int main()

{

optimize();

deque<int> q;

q.push\_back(1);

q.push\_front(2);

cout<<q.back()<<endl;

cout<<q.front()<<endl;

cout<<q.size()<<endl;

while(!q.empty())

{

    cout<<q.front()<<endl;

    q.pop\_front();

    cout<<q.back()<<endl;

    q.pop\_back();

}

return 0;

}