#include<iostream>

#include<array>

using namespace std;

int main(){

int basic[3]= {1,2,3};

array<int,4> a= {1,2,3,4};

int size = a.size();

for(int i=0;i<size;i++){

cout<<a[i]<<endl;

}

cout<<"element at 2nd index "<<a.at(2)<<endl;

cout<<"empty or not "<<a.empty()<<endl;

cout<<"first element "<<a.front()<<endl;

cout<<"last element "<<a.back()<<endl;

}