IMPLEMENTATION OF LINEAR SEARCH OF ARRAY

PROGRAM:

#include<iostream>

#include<algorithm>

#include<vector>

using namespace std;

int main()

{

int n,i,k;

cin>>n>>k;

vector<long long> v(n);

int p=-1;

for(i=0;i<n;i++)

{

cin>>v[i];

}

for(i=0;i<n;i++)

{

if(v[i]==k)

{

p=i;

break;

}

}

cout<<p<<"\n";

return 0;

}

INPUT:

5 15

-2 -19 8 15 4

OUTPUT:

3