#include<bits/stdc++.h>

using namespace std;

int solve(vector<int> &v, int n){

vector<int> dp(n);

dp[0] = v[0];

int large = INT\_MIN;

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

int max\_ = INT\_MIN;

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

if(v[i]>v[j]){

max\_ = max(max\_,dp[j]);

}

}

if(max\_==INT\_MIN){

dp[i] = 1;

}

else{

dp[i] = 1 + max\_;

}

large = max(large,dp[i]);

}

return large;

}

int main(){

int n;

cin>>n;

vector<int> v(n);

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

cin>>v[i];

}

cout<<solve(v,n);

}