#include<bits/stdc++.h>

using namespace std;

int solve(vector<int> price, int n){

vector<int> dp(n+1);

dp[0] = 0;

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

dp[i] = price[i-1];

int l = 1, r = i-1;

while(l<=r){

if(dp[l]+dp[r]>dp[i]){

dp[i] = dp[l]+dp[r];

}

l++;

r--;

}

}

return dp[n];

}

int main(){

int n;

cin>>n;

vector<int> price(n);

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

cin>>price[i];

}

cout<<solve(price,n);

}