#include <stdio.h>

int mini(int a,int b)

{

if(a<b)

return(a);

else

return(b);

}

void main()

{

int height[100000],n,i,c1=0,j,count[100000],c2,min,max,k;

printf("Enter the no of people \n");

scanf("%d",&n);

printf("Enter the heights of people \n");

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

{ printf("Enter the heights of person %d \n",(i+1));

scanf("%d",&height[i]);

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

{

if(height[j]==height[i])

{

printf("Dont repeat heights");

i--; c1=1;

break;

}

}

if(c1==1)

{

continue;

}

}

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

{ count[i]=0;

if(i==(n-1))

{ count[i]=0 ;break;}

count[i]++;

for(j=(i+2);j<n;j++)

{

min=mini(height[i],height[j]);max=height[i+1];

for(k=i+1;k<=(j-1);k++)

{

if(height[k]>max)

{

max=height[k];

}

}

if(min>max)

{

count[i]++;

}

}

}

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

{

printf("%d",count[i]);

}

}