#include<stdio.h>

int floorValue(int a[],int low, int high,int x){

int floor=-1;

while(low<=high){

int mid=(low+high)/2;

if(a[mid]==x){

return a[mid];

}

else if(a[mid]>x){

high=mid-1;

}

else{

floor=a[mid];

low=mid+1;

}

}

return floor;

}

int main(){

int n;

scanf("%d",&n);

int a[n];

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

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

}

int x;

scanf("%d",&x);

int floors=floorValue(a,0,n-1,x);

printf("%d",floors);

}

