#include <stdio.h>

#include <stdlib.h>

#include <string.h>

char \* longestCommonPrefix(char \*\* strs, int strsSize){

char \*s;

s = (char\*)calloc(200, sizeof(char));

int min\_str=200;

for(int i=0; i<strsSize; i++)

if(min\_str>strlen(strs[i]))

min\_str=strlen(strs[i]);

if(min\_str==0){

return "";

}

else{

for(int i=0; i<min\_str; i++){

int a=0;

char ch=strs[0][i];

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

if(strs[j][i]==ch){

a++;

}

}

if(a==strsSize){

s[i]=strs[0][i];

}

else{

break;

}

}

return s;

}

}

int main()

{

char \*strs[10] = {"flower","flow","flight"};

int len;

printf("Enter number strings : ");

scanf("%d", &len);

char \*res = longestCommonPrefix(strs, len);

printf(" longest substring is : %s", res);

}