void pattern(){

ll left=0;

ll right=0;

for(int k=1;k<n+m+1;k++){

if(k>right){

right=k;

left=k;

while(right<n+m+1 && ch2[right]==ch2[right-left])

right++;

z[k]=right-left;

right--;

}

else {

ll k1=k-left;

if(z[k1]+k-1<right){

z[k]=z[k1];

}else{

left=k;

while(right<n+m+1 && ch2[right]==ch2[right-left])

right++;

z[k]=right-left;

right--;

}

}

}

}