```
1234567829
       #include <bits/stdc++.h>
      using namespace std;
int z[100002];
vector<int>v;
      struct info
       int prop
                   void update(int node, int b, int e, int i, int j,
int
10
11
12
13
             (i > e , return,
                         j < b)
             (b >= i && e <= j) //???????
14
15
222
               tree[node].sum += ((e - b + 1
1 ??? e-b+1 ??? x ?????
tree[node].prop += x; //??????
78901234
11222224
               return;
????????
27 }
28 int
      int query(int node, int b, int e, int i, int j, int
',= 0)
carry,=
 901234;2567890
               i > e || j
return 0;
          if
             (i > e
           int Left = node << 1;</pre>
          int Right = (node << 1) int mid = (b + e) >> 1;
                                     + 1;
= query(Right, mid + 1, e, i, j, carry +
          return pl + p2;
      int L = 0, R = 0,a,b,c,d,e,f,j,T,n;
char s[100002];
      cin>>T;
for(j=1;j<=T;j++)
{    memset(z,0,sizeof(z));</pre>
          memset(tree, 0, sizeof(tree));
v.clear();
```

```
L=0;
R=0;
             scanf("%s",&s);
n=strlen(s);
                   for (:
(i >
L = R
while
z[i]
else
                                                 i++) {
                                                 == s[R]) R++;
             ersc
int k'=
if (z[k]
                         i-L<u>;</u>
             īf (z
el<u>s</u>e
                           < R-i+1)
                                         z[i] =
                se {
L = i;
while (R < n && s[R-L]
z[i] = R-L; R--;
                                                   == s[R]) R++;
       } z[0] f=0; for(
         [0]=n;
             įnt
                    i=0; i< n; i++)
                  jf(z[i]!=0)
                        update(1,1,100001,1,z[i],1);
       scanf("%d",&b);
for(int i=1;i<=b;i++)
             scanf("%d",&c);
if(c!=0)
             d=query(1,1,100001,c,c,0);
v,push_back(d);
               élse
                    v.push_back(n);
       d=v.size();
for(int i=0;i<d;i++)</pre>
             printf("%d ",v[i]);
       printf("\n");
       țeturn 0;
```