//struct trie 字典树

// {

int ans;

int tree[maxn \*30][3], val[maxn \*30], tol;

void init()

{ memset(tree[0], 0);

memset(val, 0);

tol = 1;

ans = 0;

}

void add(string s)

{

int u = 0;

for(int i = 0; i < s.size(); ++i )

{

int v = s[i] -'0';

if( !tree[u][v])

{

memset(tree[tol], 0);

tree[u][v] = tol++;

}

u = tree[u][v];

val[u]+=(i+1);

ans = max(ans, val[u]);

}

}

int query(string s)

{

int u = 0;

for(int i = 0; i < s.size(); ++i)

{

int v = s[i] - 'a';

if( !tree[u][v])

return 0;

u = tree[u][v];

}

return val[u];

}

//}trie;