```
Sliding -Window:
```

}

return 0;

Find the maximum length where there are exactly <=(K) Distinct character:

```
#include<bits/stdc++.h>
using namespace std;
#define ll long long
int main()
{
  ll m;
while(scanf("%lld",&m) == 1 && m!=0)
   {
      string s;
     //memset(arr,0,sizeof(s));
     11 arr[150] = \{0\};
     getchar();
     getline(cin,s);
    // cout<<s<endl;
     11 \text{ mx} = 0, \text{cnt} = 0;
     11 \text{ frm} = 0 \text{ ,to} = 0;
     for(int i=0; i<s.size(); i++)
     {
        if(arr[s[i]] == 0)
        {
          cnt++;
        }
        arr[s[i]] ++; \\
        if(cnt <=m)
          mx = max(mx,i - frm + 1);
        if(cnt>m)
          while(cnt>m)
           {
             arr[s[frm]]--;
             if(arr[s[frm]] == 0)
                cnt--;
             frm++;
          }
          mx = max(mx,i - frm + 1);
     printf("\%lld\n",mx);
```