Look and Bay Seguence

1 2 3 4 5 6 7

1 11, 21, 1211, 111221, 312211, 13112221

...

Q: We will be given au 'n' we have return the n'h Look and Say Cequence.

Let Understand Look and Suy Sequence:

1, 11, 21, 1211, 111221, 312211
one 1

· We observing prev sequence and generating further sequence. We see hown many time does a digit express contingous and the 11, 21 digit
prev 1 freq freq digit

Approach: if Ln=21) rehern 1.

(nt++,

· We have to the court the frequency of the character

· We have just append the court and the digit and overt the count

Pseudocode temp - ; count: 1,

for (iz1, i < n,i++)

(|S[i]| = S[i-1]) |

char count freq - count tost my(1,

temp +> freq.

temp +> S[i] 1, count = 1

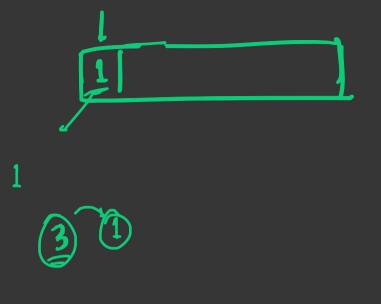
mext. cut 1 105 (121; 1/6) 1 (S[1] [7 S[1-1]) ML 7 112# count of 2

next = 1311222L

```
int count = 9; 1
string next = "";
for(int i=1; i<Seq.size(); i++){
   if(Seq[i] != Seq[i-1]){
      string freq = to_string(count);
      next+=freq;
      next.push_back(Seq[i-1]);
      count = 1;
   count++;
string freq = to_string(count);
next+=freq;
next.push_back(Seq[Seq.size()-1]);
return next;
```

Seq=21 next=

1=1 count=1



```
string ans="";
                                                                                                Count 2 / 2 cut
  int count=1;
                                                                       count (1)
  ans.push_back(static_cast<char>(1+'0'));
  while(count<n){
                                                                          Count++,
                                                                             digit 19/1
stry rus 2 " ";
    count++;
    int digit=0;
    string result="";
    for(int i=0;i<ans.length();i++){</pre>
      char num=ans[i];
                                                                                       numa 1
                                                                       forward ikrohy
      digit++;
      if(ans[i]!=ans[i+1]){
         result.push_back(static_cast<char>(digit+'0'));
                                                               This
         result.push_back(num);
         digit=0;
      else continue;
    ans=result;
  return ans:
```