

5.1

(1)288KB

(2)1288

(3)1072

(4)1276

5.6

$u=i-j+1$

$v=j-1$

5.10

(1)(k,p,h)

(2)(a,b)

(3)(a,b)

(4)((c,d))

(5)(c,d)

(6)(b)

(7)b

(8)(d)

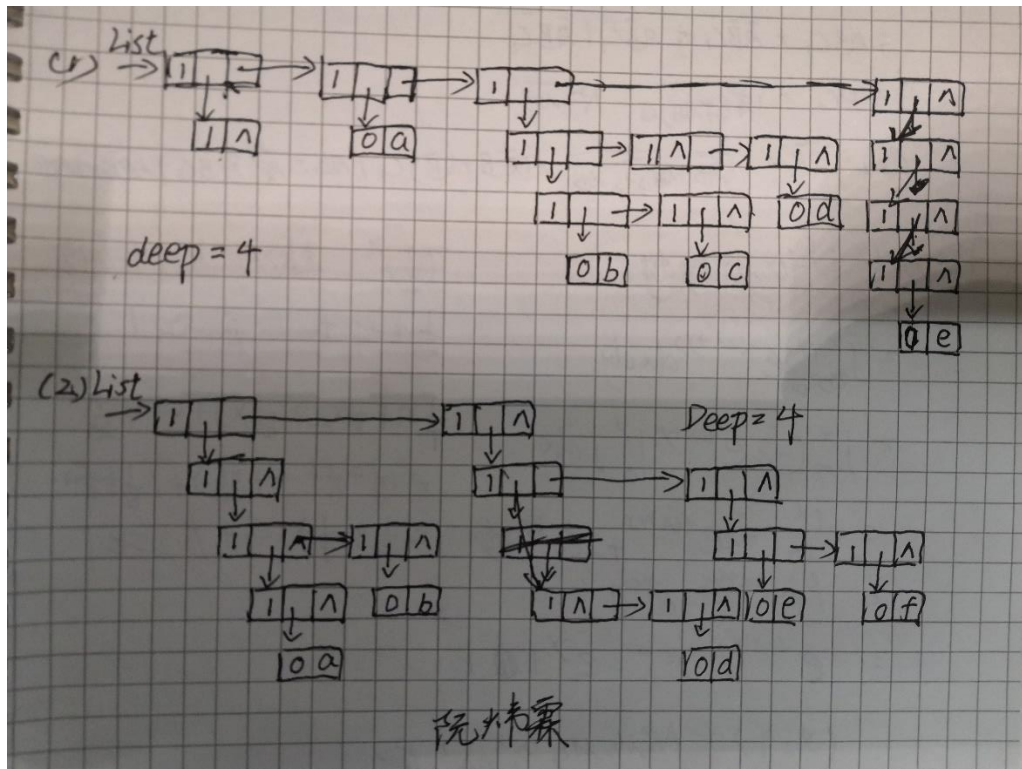
5.11

(2)GetHead[GetHead[GetTail[L1]]]

(4)GetHead[GetHead[GetHead[GetTail[GetTail[L4]]]]]

(6)GetHead[GetTail[GetHead[L6]]]

5.12



5.13

(1)((x,(y)),(((())),(.), (z)))

(2)((a,b,()),()),(a,(b)),())

5.21

```

1 //阮炜霖
2 #include<bits/stdc++.h>
3 #define int long long
4 using namespace std;
5 const int maxn=1e3+7;
6 int read(){ int x=0,f=1;char ch=getchar();while(ch<'0' || ch>'9'){if(ch=='-'
7
8 } typedef struct{
9     int i,j;
10    int elem;
11 }Triple;
12
13 } struct Matrix{
14     Triple data[maxn];
15     int mu,nu,tu; //行数, 列数, 非零元数
16 }A,B,C;
17
18 } Matrix add(Matrix a,Matrix b){
19     Matrix res;
20     int mp[maxn][maxn]={0},num=0;
21     res.mu=max(a.mu,b.mu);
22     res.nu=max(a.nu,b.nu);
23     for(int t=1;t<=a.tu;t++){
24         int x=data[t].i,y=data[t].j;
25         mp[x][y]+=elem;
26     }
27     for(int t=1;t<=b.tu;t++){
28         int x=data[t].i,y=data[t].j;
29         mp[x][y]+=elem;
30     }
31     for(int i=1;i<=mu;i++){
32         for(int j=1;j<=nu;j++){
33             if(!mp[i][j]) res.data[++num]=(Triple){i,j,mp[i][j]};
34         }
35     }
36     return res;
37 }

```