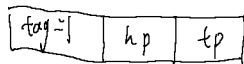


# 广义表

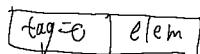
头尾链表

```
typedef struct Node {
    tag tag;
    union {
        T elem;
        struct {
            Node *hp, *tp;
        } ptr;
    };
} Node, *List;
```

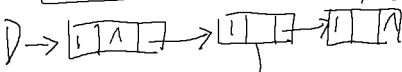
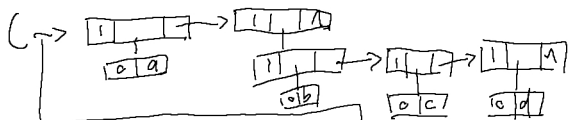
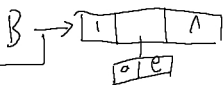
表结点



原子结点



$A \rightarrow NULL$



$A = ()$

$B = (e)$

$C = (a, (b, c, d))$

$D = (A, B, C)$

$E = (a, E)$

# 扩展线性链表

```
typedef struct Node {
```

```
    Tag tag;
```

```
    union {
```

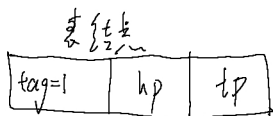
```
        elem;
```

```
        Node *hp;
```

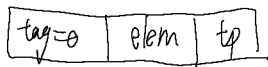
```
    };
```

```
    Node *tp;
```

```
} Node, *List;
```



原子结点



A = ( )

B = (e)

C = (a, (b, c, d))

D = (A, B, C)

E = (a, E)

