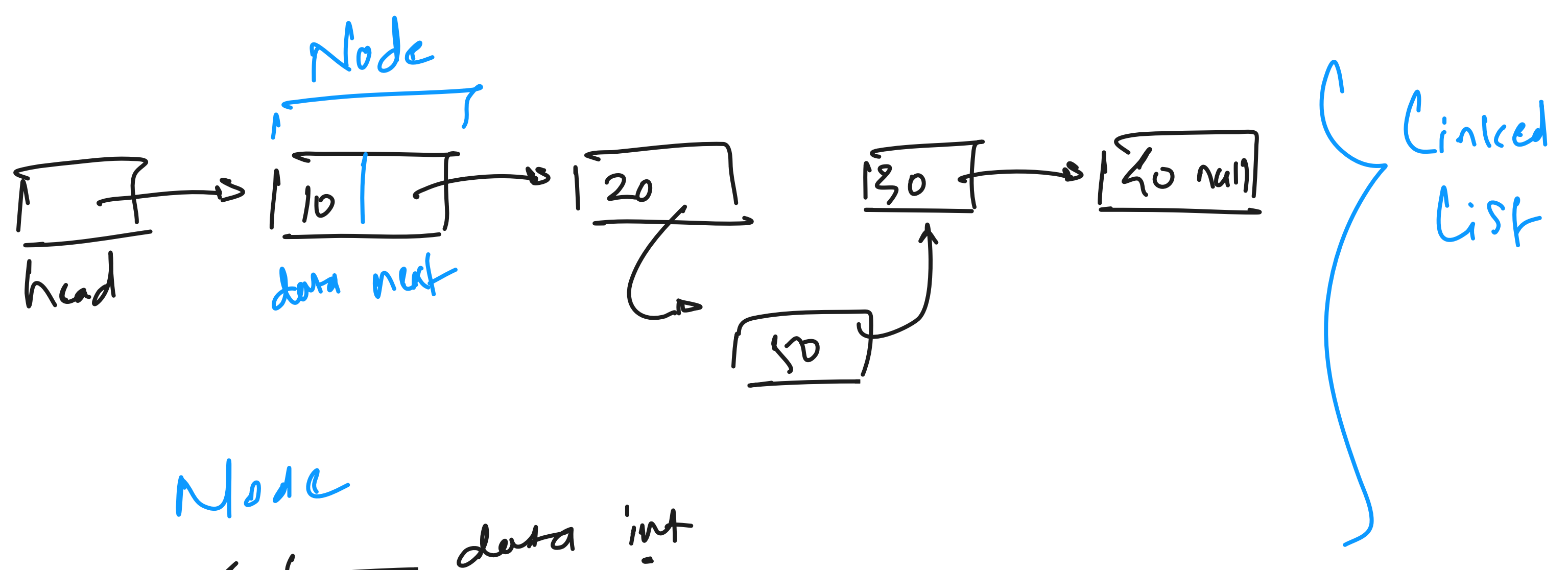
1000

| 1 0 1 1 0 0 1 0 1

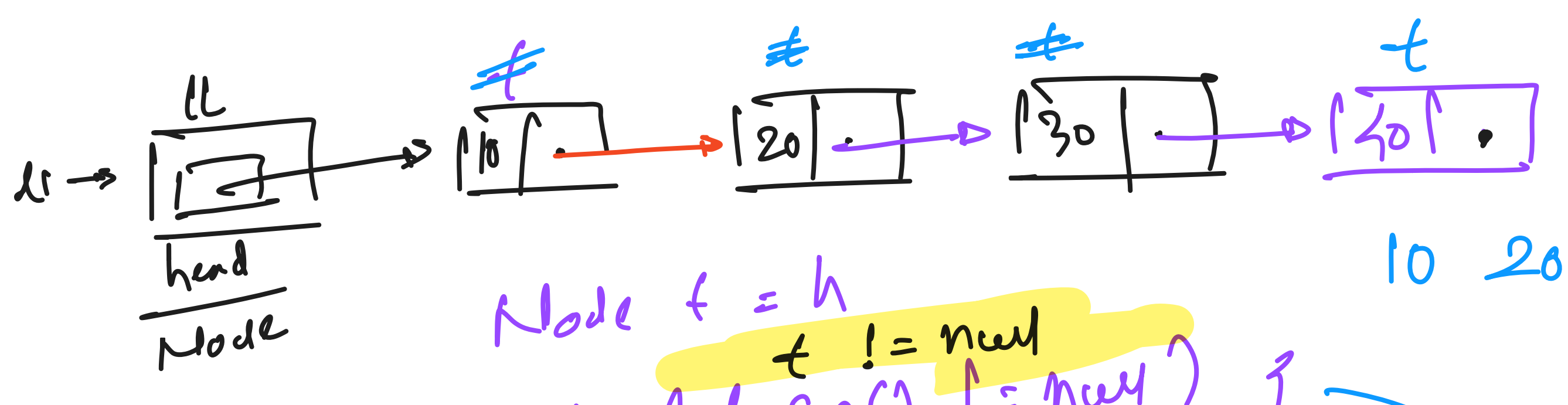
Array



Node
- data int
- next Node
- set/get {

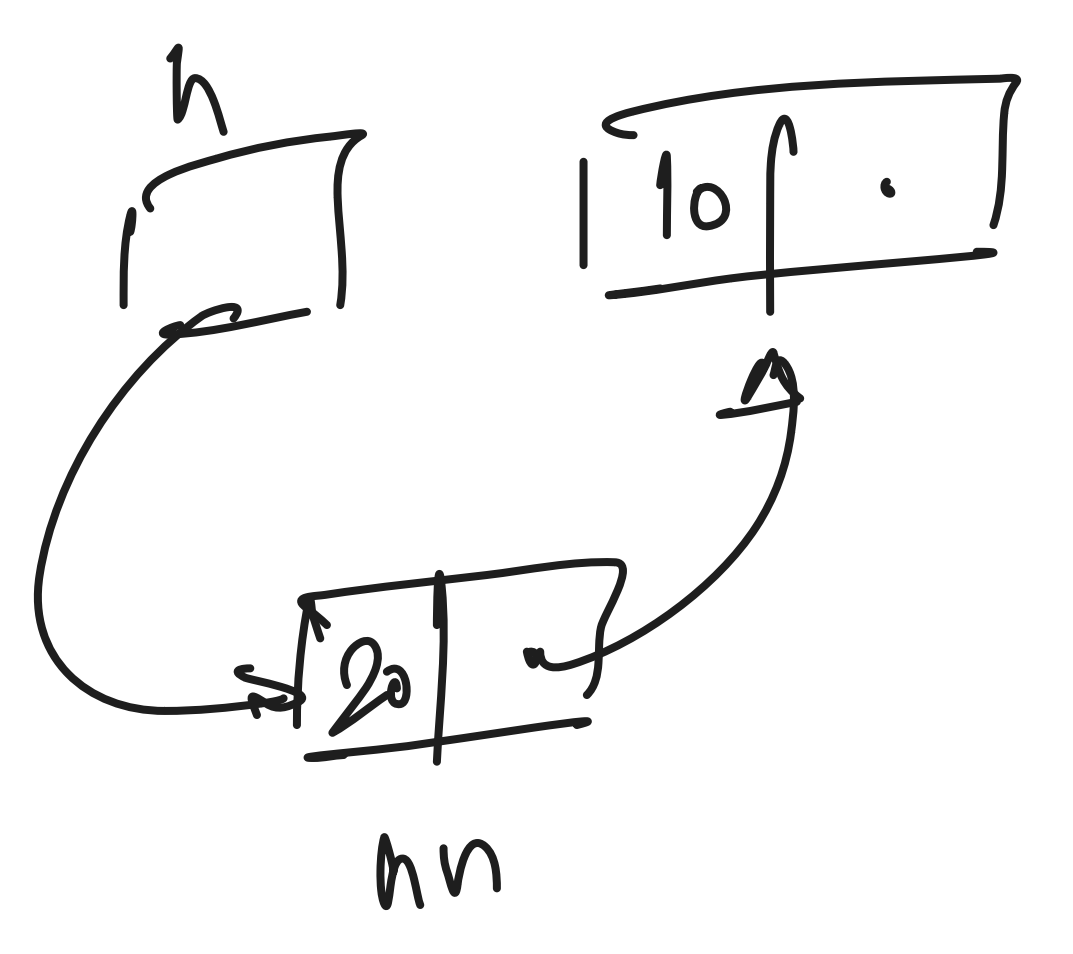
LinkedList ll = new LinkedList()

LinkedList
- head Node
- insert / delete / iterate {




```
Node t = h
while( t.gn() != null )  {
    Sop( t.gd() )
    t = t.gn()
}
t != null
```

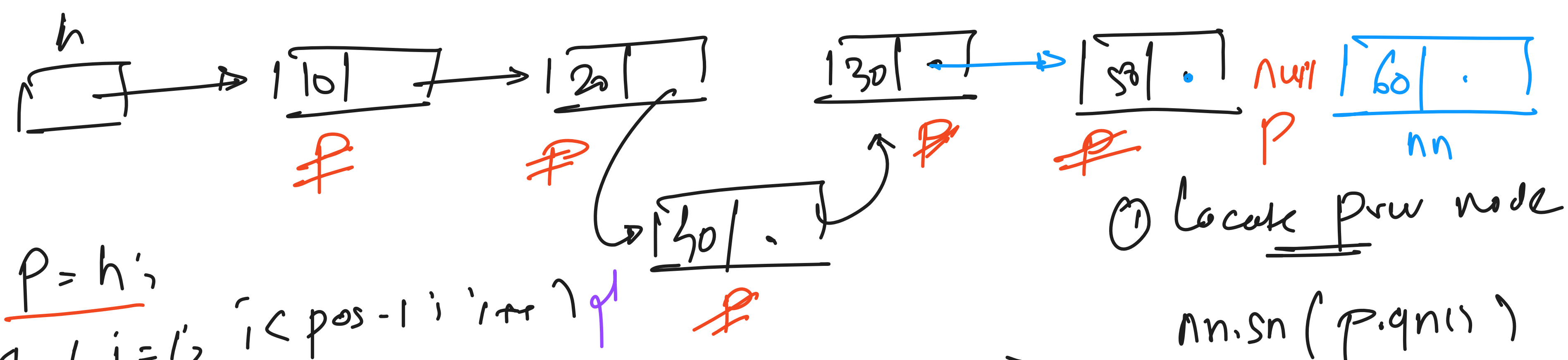
r~ true




```
if pos == 1
   if h == null
      h = nn ;
   else
      nn.sn(h)
      h = nn
```

```
if pos == 1
 → nn.sn(h)
 → h = nn
   return;
```

r~ tr

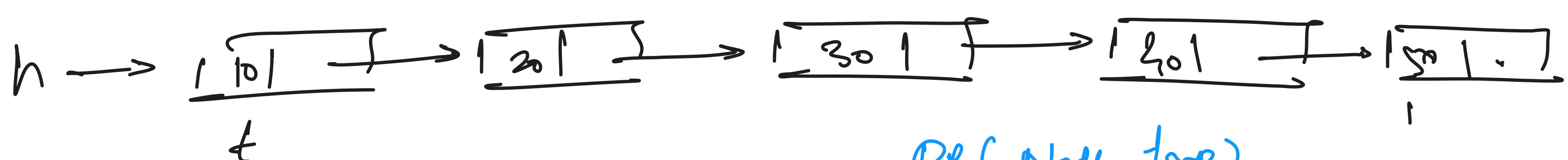


① Locate prev node

```
p = h;
for( i = 1; i < pos - 1 ; i++ ) {
    p = p.gn()
if( p == null ) ret false;
}
i = 1 2 3 4 5
```

```
nn.sn( p.gn() )
p.sn(nn)
```

60, 7



Pr(10) = PR(20) + sop(10)
PR(30) + Sop(20)
PR(40) + Sop(30)
PR(50) sop(40)

```
PR( Node tmp )
   if t == null
      r;
   PR( t.gn() );
   Sop( t.gd() );
}
```

PR(null) + Sop(50)

Pune * n

P(5) = "Pune" + P(4)
"Pune" + P(3)
Pune + P(2)
Pu + P(1)
Pu + P(0)

```
Print( int n ) {
   if( n == 0 )
      r ;
   Sop( Pune );
   print( n-1 )
}
```