Largest Element in Assay

I/e: n=5 and (3=2), 8,90,7,5 >

olp: 90

The: n=7ann(7)=41,2,0,5,3,2,4

olle: 5

Ille: n=1
an(7= L 5)

01:5

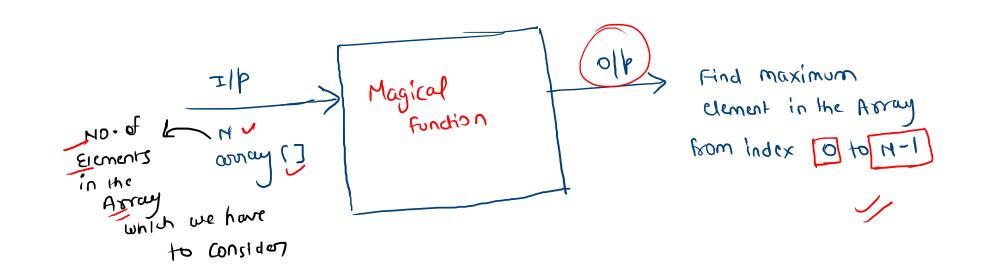
First, oach Ite: 0 = 5 MProach Ite: 0 = 5 x n=am,si for (int i=0; i<n; i++) ans = $max \left(ans, arr(i) \right)$; (out < ans < endi!

int cons = INT_MIM; ans=1/8/90

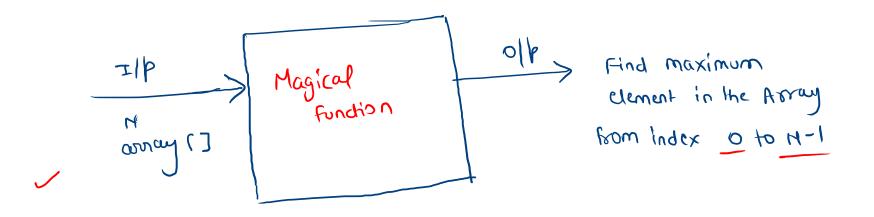
Remarks The n=5 and l=1, 8,90,7,5

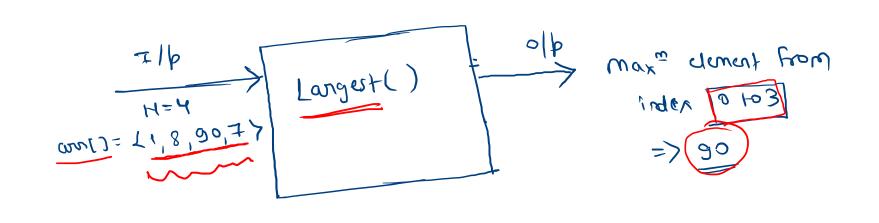
Remaile

The n=5 and n=5 (8,90,7,5)



Remisive



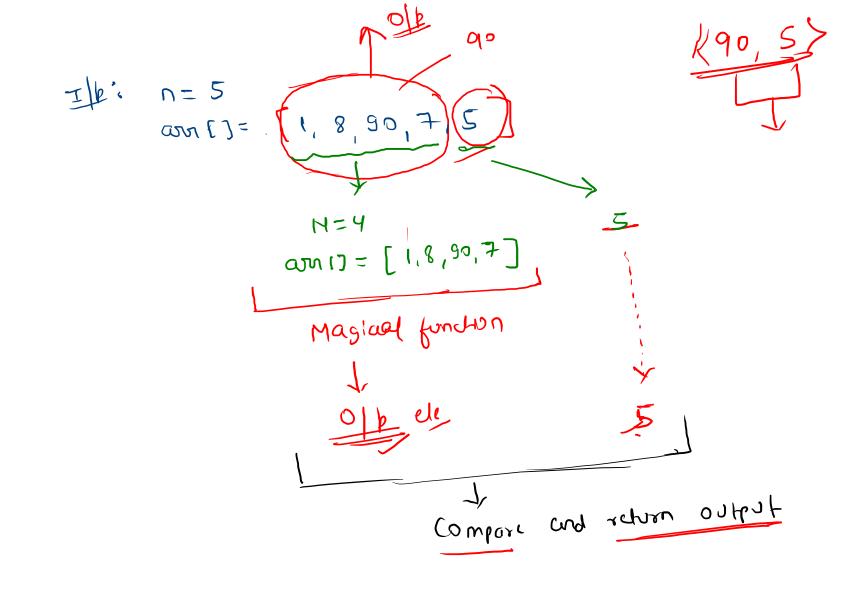


Logical

$$\frac{1}{2} \left[\frac{1}{8} \cdot \frac{1}{90} \right] = \frac{1}{8} \cdot \frac{1}{90} = \frac{1}{90}$$

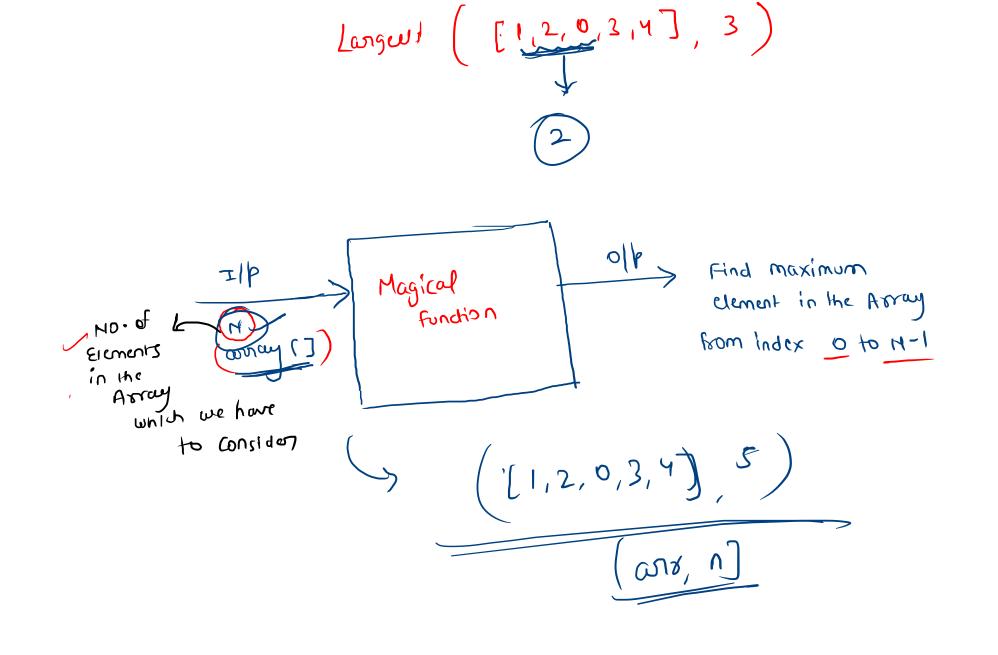
-

Logical



Logical

U-1 ens n=51,8,90,7 1 single element Element 1000 [H-) ary, (n-1



Recursive

```
int Largest (int arms), int H)

/
// Base Condition

* worn max (Largest (arm, H-1), arms[H-1]);
```

Remisive

int Largest (int aurs), int H) 11 Base Condition > return max (Longest (www. [H-1]), own [H-1] Mumbon diments of elmonts

Base

Smarlet Valid Input -> check (output)

int Largest (int aurs), (int H)

Vaniable

if (n==1) rdurn com[0];

n=1 \Rightarrow anfo

Remisive

```
int Largest (int about), int H)

if (n==1) reborn coun[b];

return max (Largest (coun, H-1), coun[H-1]);

max
```

