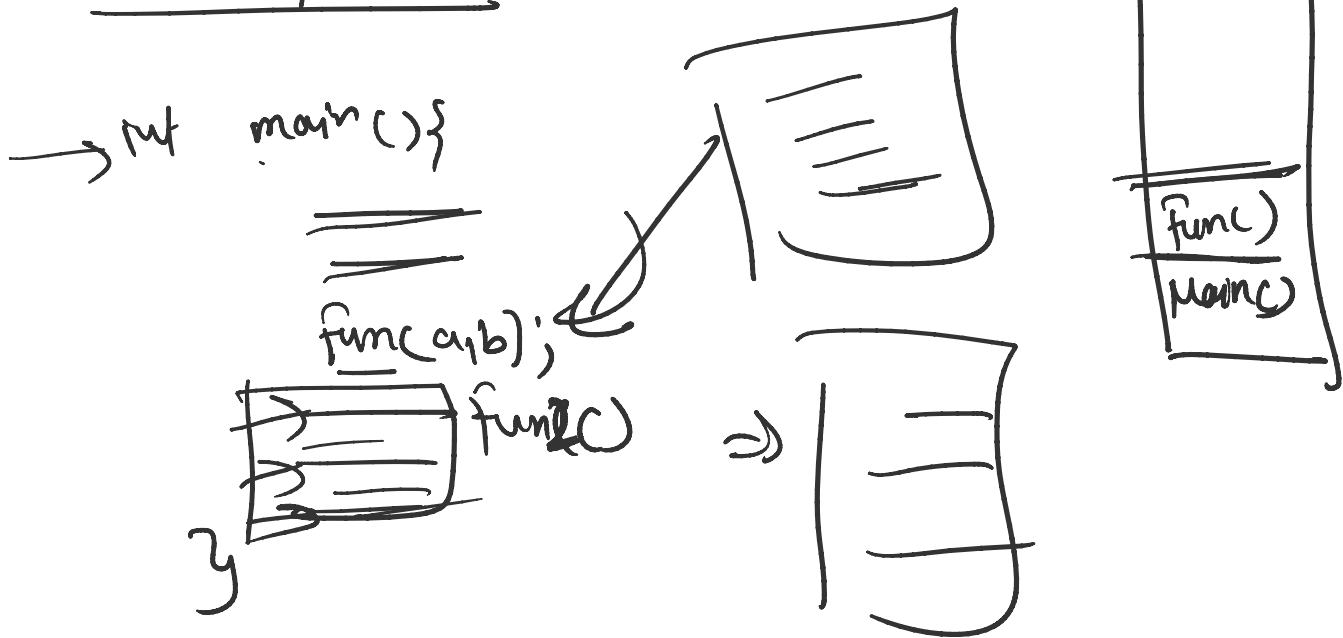


## Inline function:-



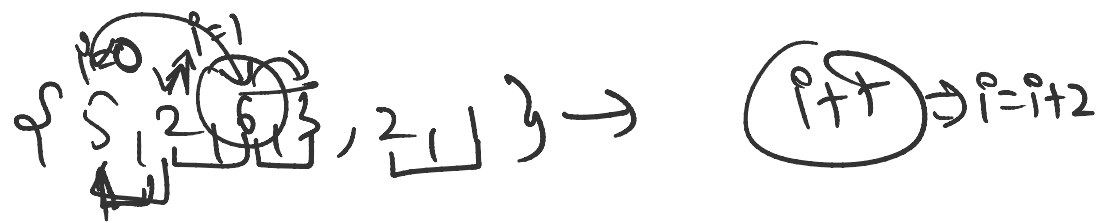
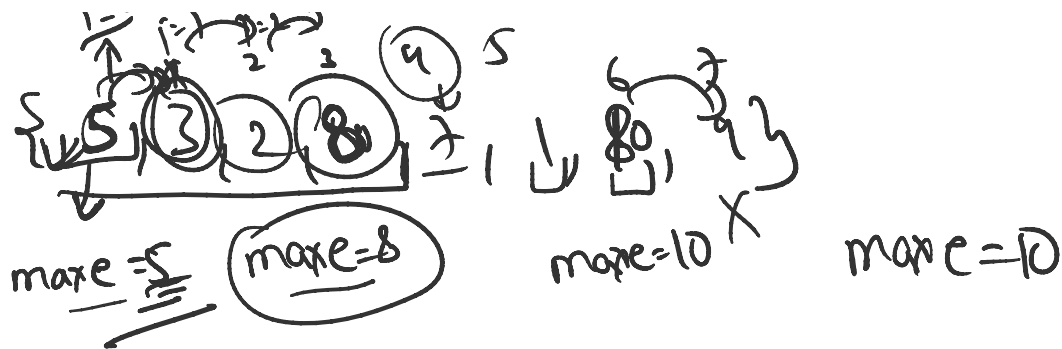
Inline void/int func() {

↳

→ n → input  
arr[n]

→ n element → input  
↓  
maximum element





$\{2, 5, 3, 6, 1, 2\}$      $2, 5$

$\text{temp} = x$   
 $x = y$   
 $y = \text{temp}$

$\ll, \gg$   
 left shift    right shift

$0000 \dots 01110 \Rightarrow 7$

$7 \ll 1$

$0000 \dots 01110 \Rightarrow 14$

$$7 \ll 2$$

$$\boxed{0000 \dots 011100} \Rightarrow 28$$

10100

eg2)  $\rightarrow \boxed{000 \dots 10100} = 20$

$20 \gg 1$

$$\boxed{000 \dots 01010} = 10$$

$20 \gg 2$

$$\boxed{0000 \dots 0101} = 5$$

$50 \gg 3$

$$\boxed{0000 \dots 010} = 2$$

left shift  $\rightarrow 2^x \rightarrow \text{num} \ll n \rightarrow \text{num} \times 2^n$

right shift  $\rightarrow 2^r \rightarrow \text{num} \gg n \rightarrow \frac{\text{num}}{2^n}$

```
int main()
{
    int n;
    cin >> n;
```

'^'

$n = n \ll 4;$

(cout << n << endl;

y

{ 2, 3, 3, 2, 1, 5, 6, 5, 1, 6, 10 }

int xor = 0;

for(int i = 0; i < n; i++)

xor = xor ^ arr[i];

y

cout << xor << endl;

char array:-

char :-

ASCII:-

0-255 → 0-127

'A' → 65

'B' → 66

'C' → 67

⋮

'a' → 97

'b' → 98

'c' → 99

⋮

'0' → 48

'1' → 49

⋮

'9' → 57

'2' → 90

'2' → 122

'9' → 57

' ' → 32

char arr[10] ⇒ "

'0'"

