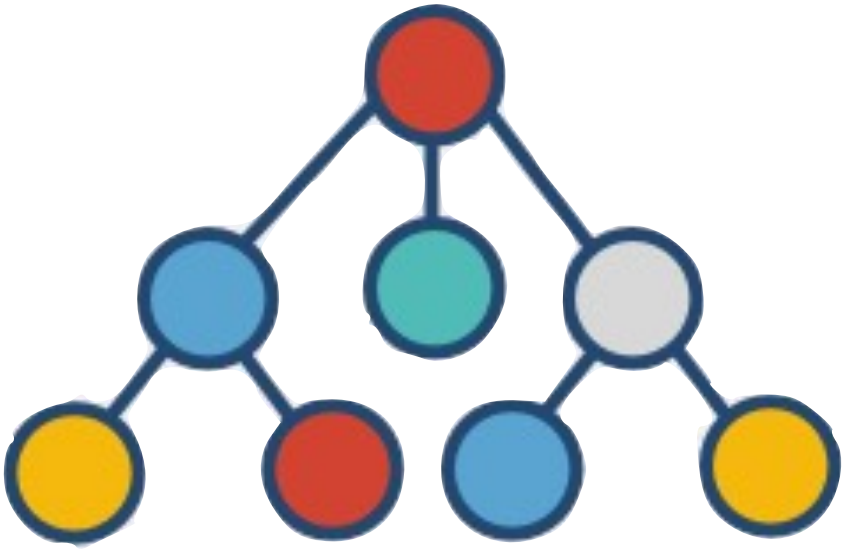
DATA STRUCTURE & ALGORITHMS



(By Prince Agarwal)

(“HELLO WORLD”)

INTERVIEW PREPARATION

Peak Element **[5, 10, 20, 15, 7]**

Ans = 20

[10, 20, 15, 5, 23, 90]

Ans = 90

Array A[ ] = { 5, 70, 3, 10, 40, 30, 10, 2, 3 }

EVERY INDEPENDENT ARRAY HAS A PEAK ELEMENT

Hello world

INTERVIEW PREPARATION

Peak Element

[5, 10, 20, 15, 7]

Ans = 20

[10, 20, 15, 5, 23, 90]

Ans = 90

Array A[ ] = { 70, 60, 3, 10, 30, 40, 10, 2, 3 }

Hello world

INTERVIEW PREPARATION

Peak Element

[5, 10, 20, 15, 7]

Ans = 20

[10, 20, 15, 5, 23, 90]

Ans = 90

Array A[ ] = { 7, 60, 3, 10, 30, 40, 10, 2, 130 }

Hello world

INTERVIEW PREPARATION

```
if(n==1)
     return 0;
else if( n==2){
    int x = ( arr[0]>=arr[1] ) ? 0 : 1;
    return x;
}
else{
    if(arr[0]>=arr[1]){
        return 0;
    }

    if(arr[n-1]>=arr[n-2]){
        return n-1;
    }


    for(int i=1;i<n-1;i++){
        if(arr[i]>=arr[i-1]  && arr[i]>=arr[i+1]){
            return i;
        }
    }
}
```

Hello world

INTERVIEW PREPARATION

Peak Element

[5, 10, 20, 15, 7]

[10, 20, 15, 5, 23, 90]

[7, 60, 3, 10, 30, 40, 10, 2, 130]

[6, 16, 1, 2, 2, 1]

Hello world

INTERVIEW PREPARATION

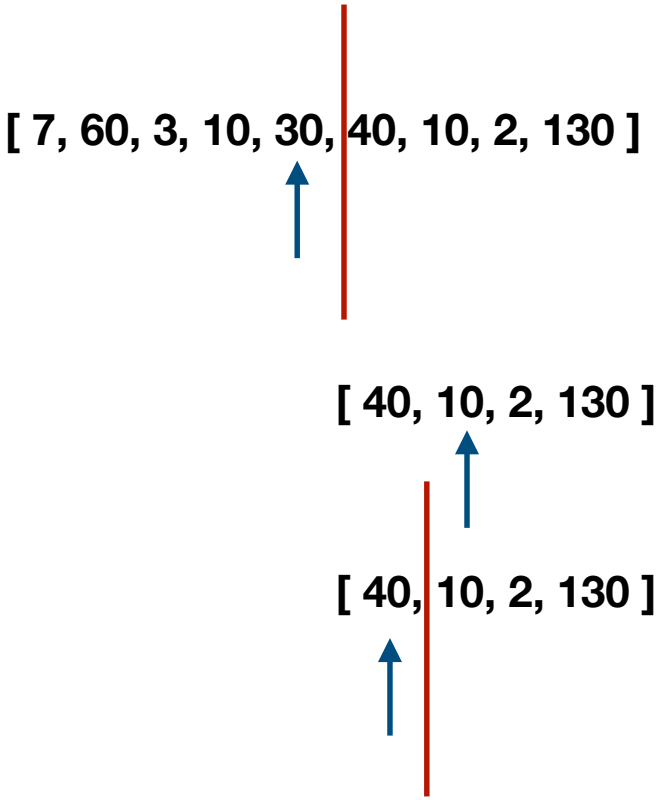
Peak Element

[7, 60, 3, 10, 30, 40, 10, 2, 130]

Hello world

INTERVIEW PREPARATION

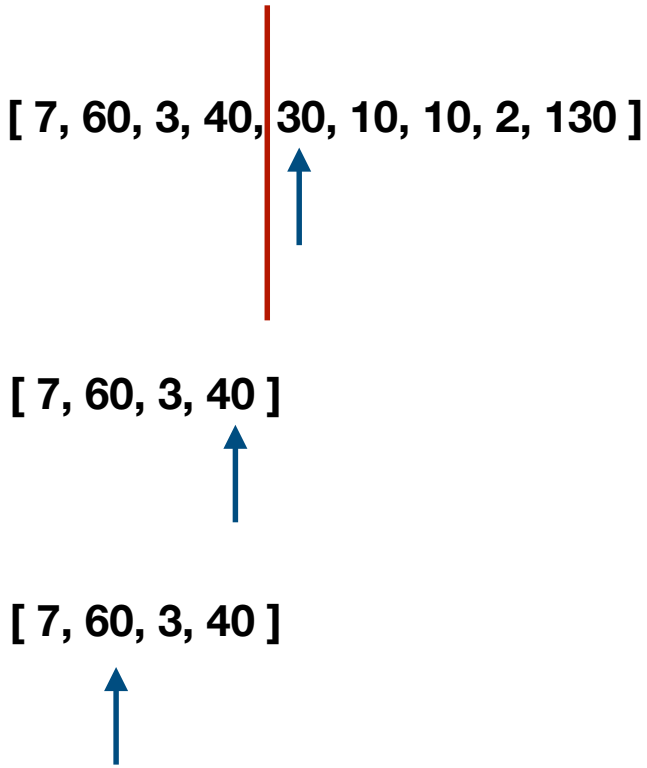
Peak Element



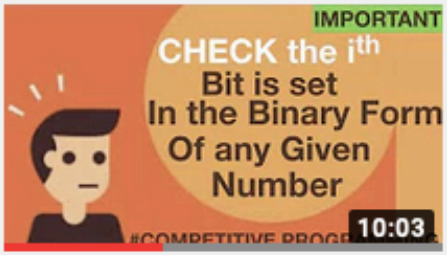
Hello world

INTERVIEW PREPARATION

Peak Element

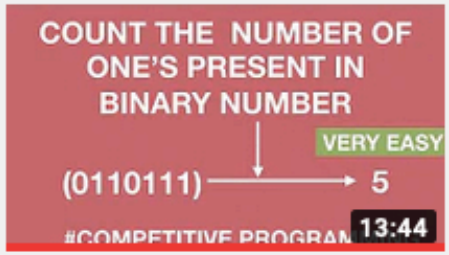


Hello world



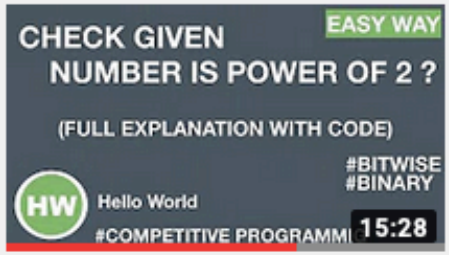
Check the ith bit is set, in the binary form of given numbe...

1.1K views • 1 year ago



Count the number of one's in binary representation of...

1.6K views • 1 year ago



Check a given number is power of 2 | Bitwise operato...

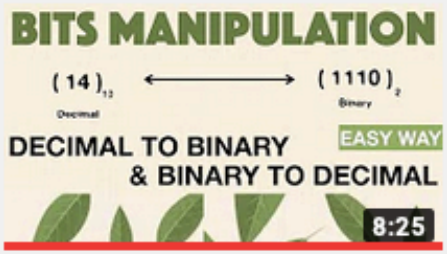
3.2K views • 1 year ago

Left shift and right shift bitwise operator ||...

1.4K views • 1 year ago

Bitwise Operators | AND | NOT | OR | XOR || Competitiv...

1.8K views • 1 year ago



Bits Manipulation | Decimal to Binary | Binary to Decimal...

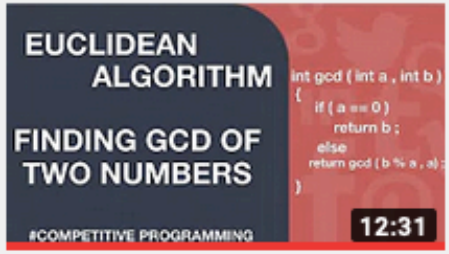
1.5K views • 1 year ago

Program of Two vs Ten Codechef - TWOVSTEN ||...

1.3K views • 1 year ago

Program of chef and his daily routine - CHEFROUT ||...

1.7K views • 1 year ago



Euclidean algorithm for finding GCD of 2 numbers ||...

2K views • 1 year ago

Sieve of Eratosthenes -part 2 || Competitive programming...

2.2K views • 1 year ago

Sieve of Eratosthenes -part 1 || Competitive programming...

3.4K views • 1 year ago

Program and concept of prime numbers. ||...

2.1K views • 1 year ago

memset( ) function in C/C++ and its syntax. || Competitiv...

4.3K views • 1 year ago

problem of Fancy Quotes || getline( ) in strings --FANCY...

2.1K views • 1 year ago

Concept of Handling the String related problems -...

3.4K views • 1 year ago

If You loved it : SHARE IT

Subscribe and Comment Below

https://www.facebook.com/helloworldofficials