**Day-33 of 101days coding challenge**

**Problem:- Find the Unique Elements from the Array in Very Optimized way**

**Where array\_Size = 2m + 1;**

**M is any number which is twice and one single number , find the single number available into the array.**

**Code:**

int findUnique(int \*arr, int size)

{

    //Write your code here

    int ans = 0;

    for(int  i = 0; i < size; i++)

    {

        ans = ans^arr[i]; // here applied XOR Operator , each time will check and stores the answer into the answer if find same number then makes it 0 otherwise returns the value.

    }

    return ans;

}

**Summery:--------**

**Here I have applied XOR Operator for more optimization**

**Properties of xor--------**

**3 XOR 3 (3 ^ 3) = 0**