BITWISE ALGORITHM

BASIC :-

Q-1 Given an Array in which every element occurs thrice expect once, find that element which occurs once.

Answer :-

In Python (Without Using Bitwise operator) ( Time Complexity – n) :-

new\_dict = {}

n = int(input("Enter the size of array "))

for i in range(n):

x = int(input())

if x in new\_dict.keys() :

new\_dict[x] = new\_dict[x] + 1

else :

new\_dict.update({x:1})

y = len(new\_dict)

for key in new\_dict.keys() :

if new\_dict[key] == 1 :

z = key

break

print("Answer is" , z)

Q-2 Write a function that return true if given two integer are of opposite sign

Answer :-