

## Mid - level Questions

Q.1. count number of 1 bits,

n = 10;

Q.2. Find count of trailing zeros.

Q.3. Find single element (1st occurrence).

Q.4. count of total set bits from 1 to n.

input - 3

output - 4

DECIMAL	BINARY	SETBITCOUNT
1	01	1
2	10	1
3	11	2

$$1 + 1 + 2 = 4$$

input - 1

output - 1

DECIMAL	BINARY	SETBITCOUNT
1	01	1