Memory :

Memory is divided into memory slots

1 memory slot = 8 bit

8 bit = 1 byte

If I initialize any integer, it will take 32 bit

32 bit = 4 byte = 4 memory slot .

Logarithm :

Log (x) = y becomes true if —------> b ^y = x

b

By default :

base = b = 2

Therefore ,

2 ^ y = x

