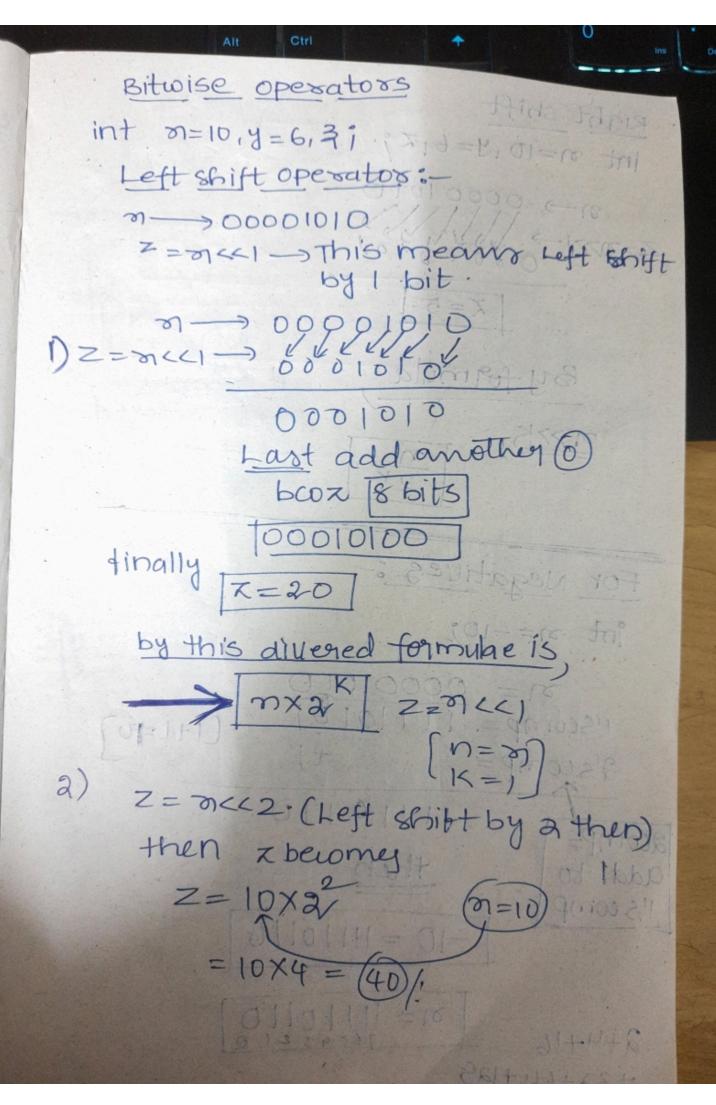
Bitwise Operator

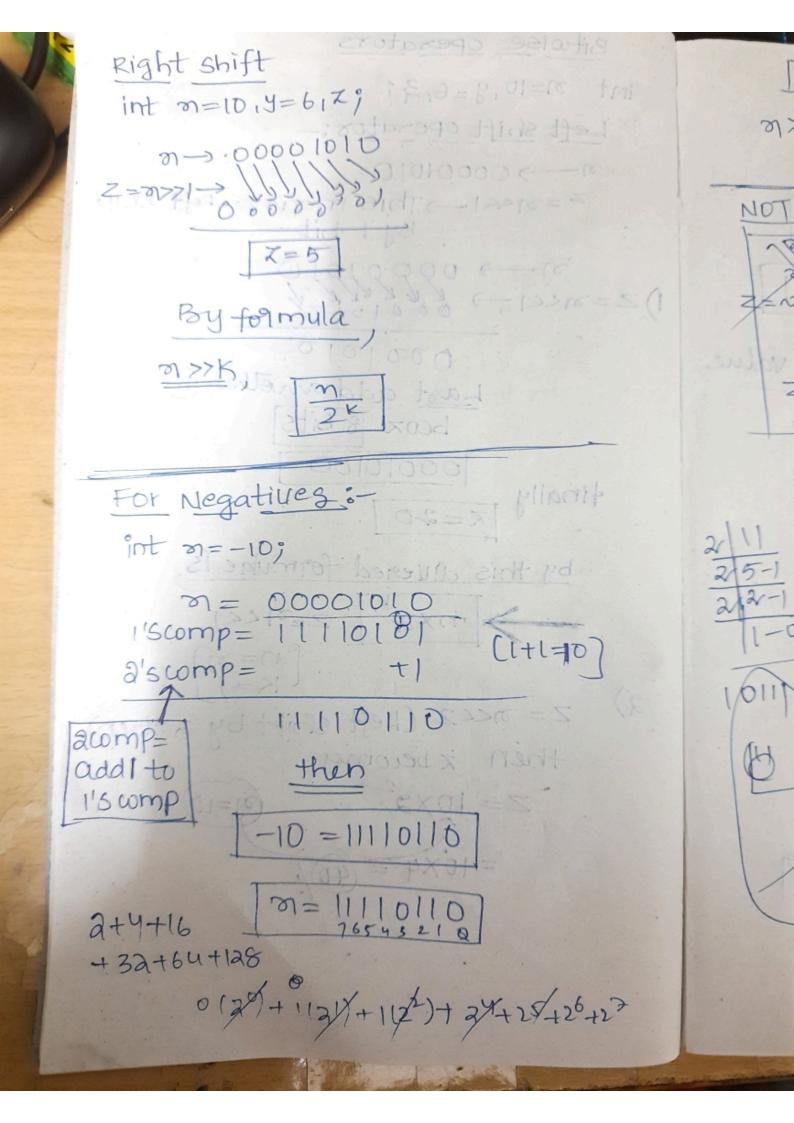
- When you are shifting, one of the bits will be vacant so that has to be filled with with 0
 - · Left and Right shift

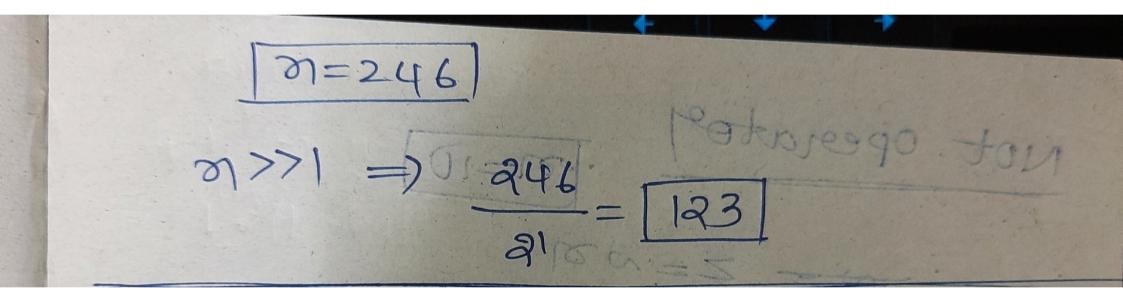
int
$$x = 5$$
, y;

- When you shift all the bits on left hand side by one space then 5 will get multiplied by 2, if you move them by 2 space it will be multiplied by 4
- Here signed bit is not included, if the number is positive then it will be positive and vice versa

- In right shift the signed bit is untouched it remains -ve only whereas in unsigned right shift the bit become +ve
- In NOT if you take any number suppose 10 it will become -11, if you take 6 it becomes -7







101=10] 150 01 = 101=103 Not operatory - Z=NO K= NN=> - (N+1) 10-= (11) = -(11) = -11 If we wornted know the value 0000 101) ND = 11110101 find i's too No 815 = 7(0000) this is Everalue to