Bitwise operaters Miscellanuous Concepts 1-> They perform operations on the binary form of the numbers. O Bitwise 8 (AND) 1000 181= 0100 31000 0000 = (0)10 con be verified in the code as well (a) Bitwise 1 (OR) 0100 1000 (1100) = (12)8+4=10 3 Bitwise 1 (XOR)
[Exclusive OR] if bits same = 0 If bits different=1

0^0=0 0^1=1 b=8 100 1000 0100 1000 1100) = (10) n=4 (100) 0 a ccb 0 m) = a 2 b 8 cc1 naci 1000 10000=(16),0 = 8.2' = 8.2 = 16 New 2010 33 Bitwise added Rightshift a 226 10 221 1010 1041 1000 10 = 10 = (5) 0010 (2)

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Area of accessibility (asability of the variable) 2) Scope (alobal) 1) Coal block of code { } y Loops (2) Global ___ accessible everywhere Data type modifiers Change meaning of datatype) Suppose in x=2 (4 bytes) Short Elicholich ____ - upto 32 3+ bits Combination = 2 signed arsigned 6.40 g-1 of 232 comes int does not have conjucity to store the value because it have the gracity of is con charge the confacity

1 Ssi signed by default only positive walve) St significant St significant So Size increases or siz
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