AS Per IEEE 754 worung Jumpers. (-1) XIIC X8 -137 for normal numbers stange of e is (0,255) and leading bit is "1" That means we can represent numbers (1.17549435 x 1038) 3.40383H7×1036) -> To represent even smaller numbers than littly griss XIO they come up with leading bit convention. and Name those numbers as Subnormal number. ENPUDIME UNMPON (-1)<sup>S</sup> × 0. F × 2<sup>136</sup> \* C = 0 \* exponent is fixed to -126 -> small of nomber can be represented it 1.4013484PXID which is more near to the actual zero. - range of subnormal numbers is (i.40129845x10,1.17549135x10 Nor mad numbers (+vx) norma numbers (-ur) Subnormal numba, \*Zero can be represented . When both earld f We Zero's.