int min-value = INT_MAX; maximum value an integer datatype 24 24 9 max - value = INT - MIN; factorial (n) Mxn-1x n-2 x n-3 . - . 1 factorial (5) = 5x4x6 (120) Iterative. (1) For loop. i=1 to i=n fac(n) = nxfac(n-1) fact = i Reursine (n-1) + fac (n-2); int factorial (int num) } affirm return value * factoreal (num-1);

factorial (5); = 5x24 value = 5 fact (4) 100 fimes _5 4+ fact (3) n= 1 to 100 Optimise int fact [10] 3 · fact(2) = 2 fact[0]=1; for(int i=1; i2=100; i++)] = fact[2-1] 2 3 fact(50) - fact[50]; 0 + fact(-1) fact [60]; fact(60) = = 5, fire 50,60 int t: cin 77 t; for(int 1=0; i<t; i++) int n; CUDD M,