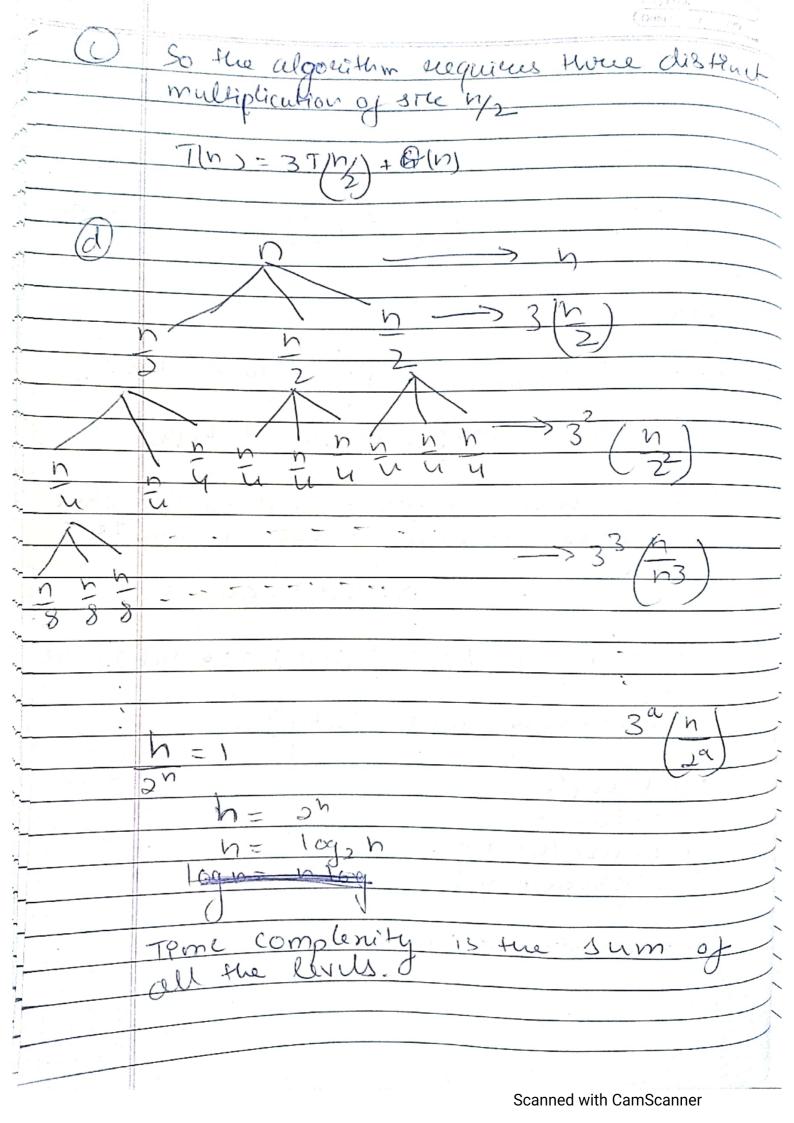
ADS-5 146.cpp "Hele. I have put the time limit to 1.0 sec. Indicated the value by 10. All the thrue methods seeturn the same value rather then closed four . In closed four counding voice can be generated. Creaph is present que the fall ploting

(0) Addition substraction, and bet shifting can be done on knear forme that is of So according to the brute popule implemention of multiplication a number A with h bits when gets multiplied with another number B with a bits then we have h bit shift that occurs. After every bet slift there is the multiplication of the bit for h semes with a bit jut. 50 T(n) = nO(n) + nO(n) = 2nO(n)Taking a number 7549 K=78 49 (A= a, x101/2 Laz a,=75, a,=49 75×10/2+49 75×100 + 49 7500+49 x= a.101/2+15 = C. 10 1/2 + Q n. y = (010 1/2+b) (C10 1/2+d (d. c 10h) + (a. d 10h2 + bc 10h2) + bd (d. c 10h) + (a. d 10h2) + (b. c 10h2) + bd Scanned with CamScanner

we have aco10h + 10/2 (a+b) . (1+d) -ac-bd] +bd NOW (a·cion) + (a.d.16 1/2) + (b.c.10 2) + bd (a.c.on) + 10 m2 (a.d+b.c) + bd To decrease the number we can wente the torn ad+bc= (a+b),(+d)-ac-bd. a.c.10h + 10/2 [(a+b)-(c+d)-aco-bd)+bd



geomderic series with

a=3 b=2 NV58 of (n) in term of n'og b (a) +(n) z nlogba (h) = 8 n 10g23