GNO 1 Sol;

$$x_1 = a_1 x_1 + b_1$$
 $x_2 = a_2 a_1 x_2 + a_2 b_1 + b_2$
 $x_3 = (a_3 - a_1) x_2 + a_3 b_2 + \cdots + a_n b_{n-1} + b_n$

If we define Ce as $(a_3 - a_2 a_1) x_3 x_2$

and oli as $a_3 = b_1 \cdot c_1$

Then $x_1 = c_1 \cdot (1 + \sum_{i=1}^{n-1} \frac{b_i}{c_i})$
 $= c_1 \cdot (1 + \sum_{i=1}^{n-1} \frac{b_i}{c_i})$
 $= c_1 \cdot (1 + \sum_{i=1}^{n-1} \frac{b_i}{c_i})$

New (i is just (the perfer scan) are all is log notion accumulation of accumulation

parfor i=1:n x(i)= e(i) * e(i)

Scanned by CamScanner

6.NO.2 Clock limes 0.054886 s & Houads 00001 0.376566s 100000 Segmentation Jault. 1000000 104 4 threads 0.035139 5 0,282213 S Pseudo code: Seg fault. pouscan (a, N) 5 if (N/2 70) S1 = parscan (a(0), N/2); S2 = pouseau (a(N/2), N/2); end & The code crashes for higher $\frac{87}{10}$. Course is still not known. The code could not be debugged mistrin stipulated Q. NO. 3 However algorithm used us as follows

pseudo code: functions bearch (key, a, n, p)

b=n/p:

parfor i=1; p if (keys-in-middle (ist) (i+1) b) mid = (1*b+(1)*b)/2; if (key-in-middle (i*b, mid) je breach (key, a, m/p, P); elseif key-en middle (intrid, (i+1)*b)) breach (key, a (mid+1), n/2p, p); elbert (ref = a(mid) & & b = = 1)

j=1; end
end

if i==1 ("key found");