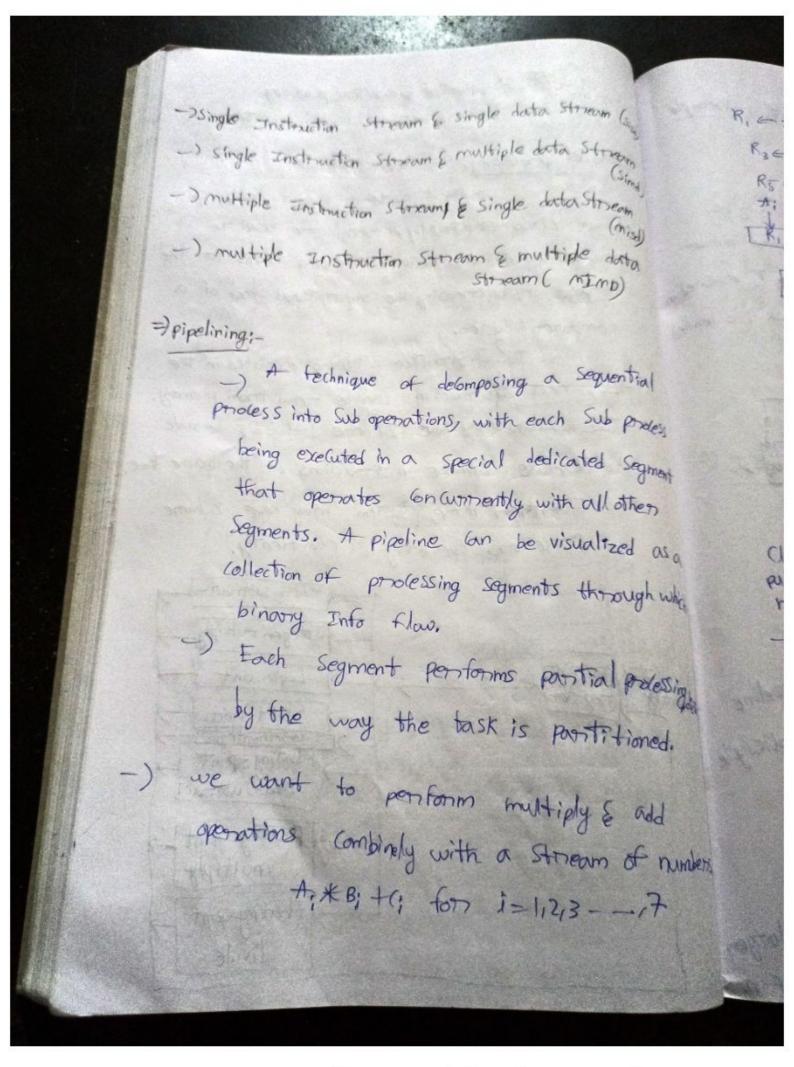
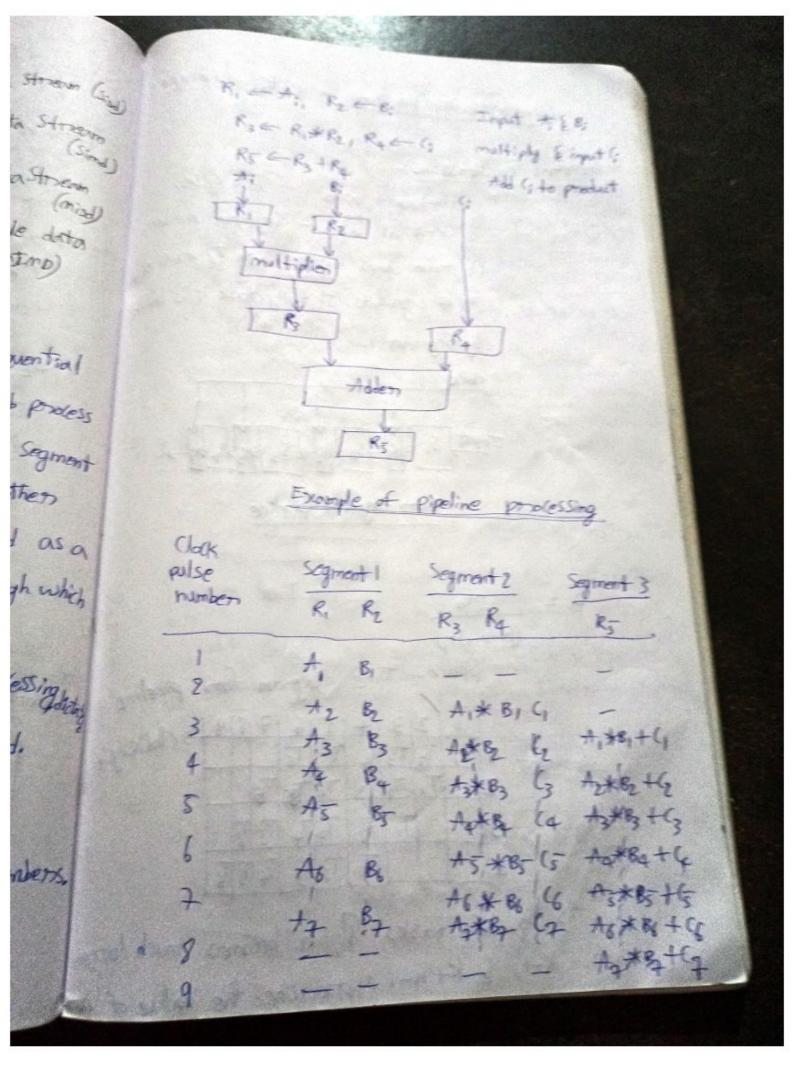


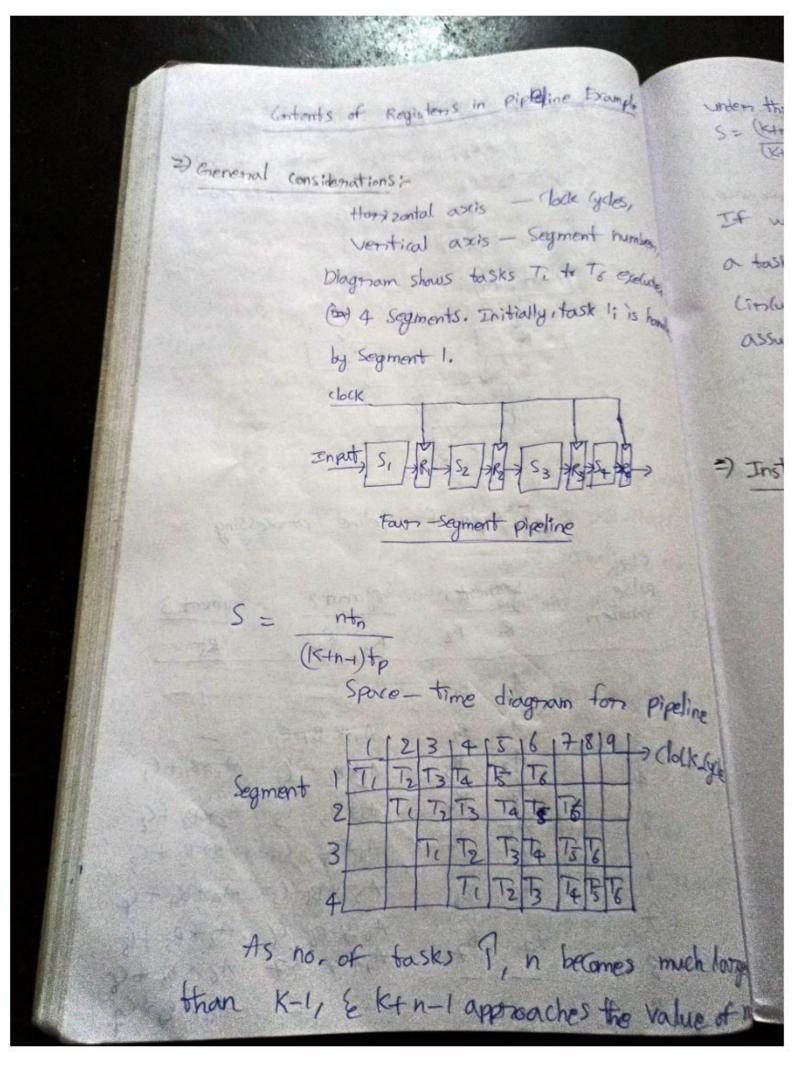
Scanned By Camera Scanner



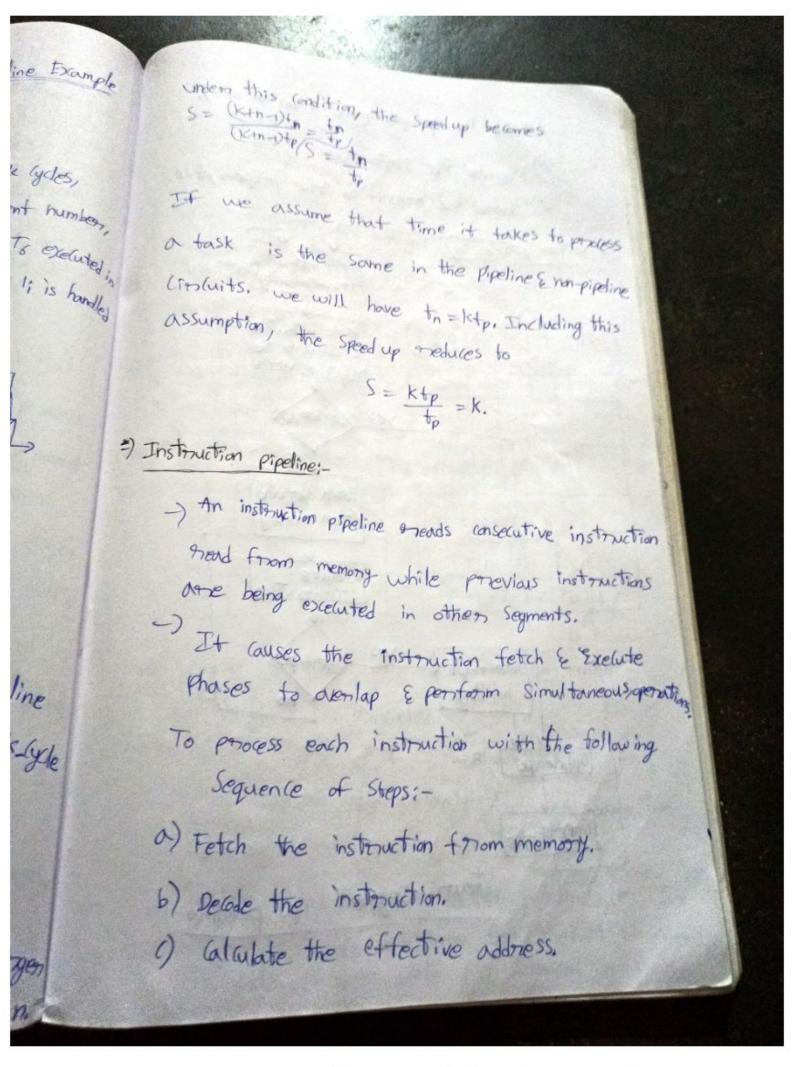
Scanned By Camera Scanner



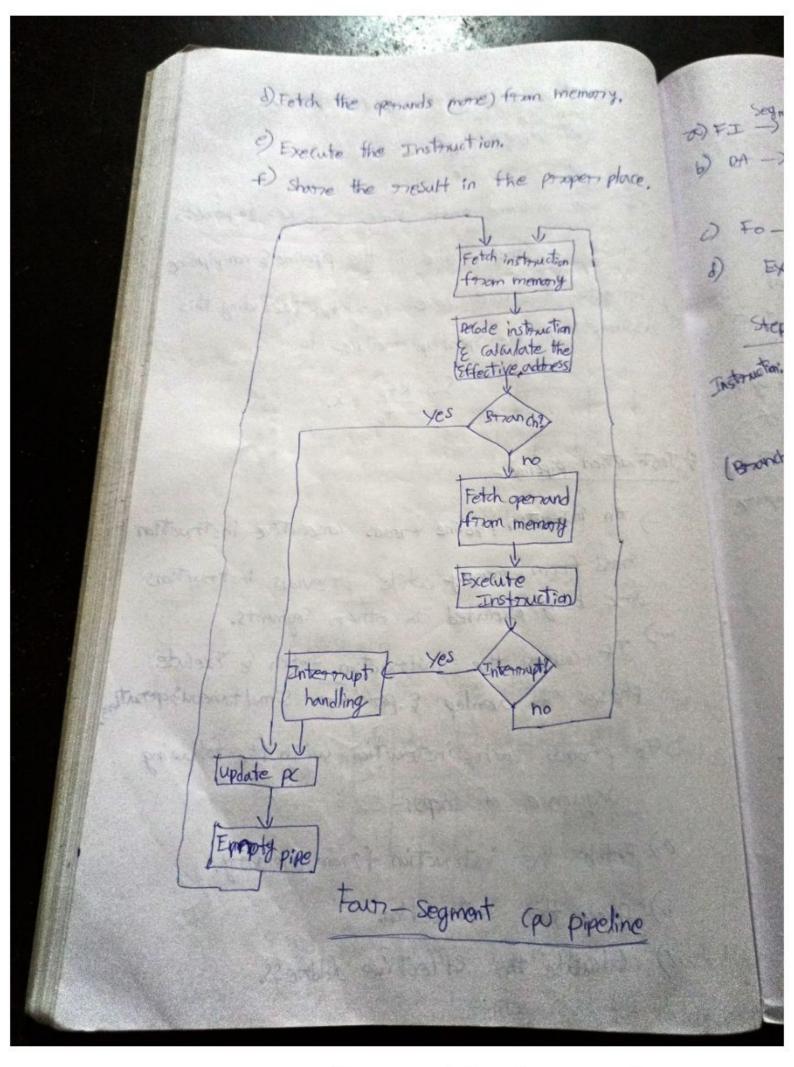
Scanned By Camera Scanner



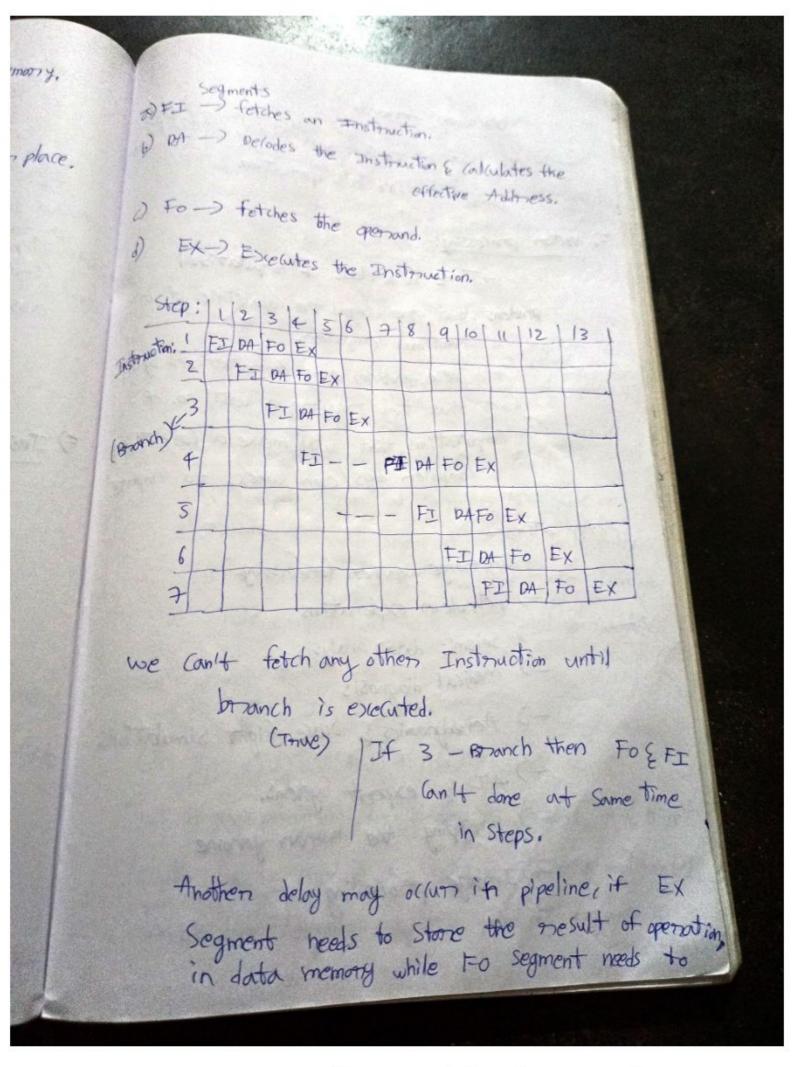
Scanned By Camera Scanner



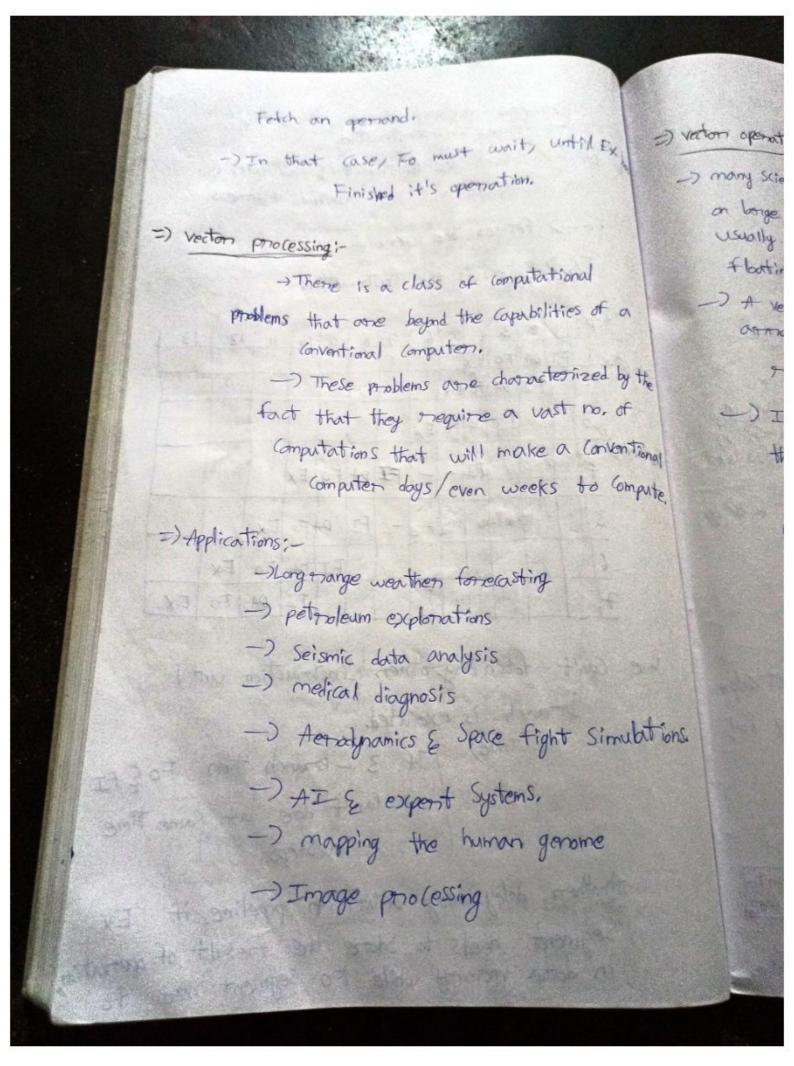
Scanned By Camera Scanner



Scanned By Camera Scanner



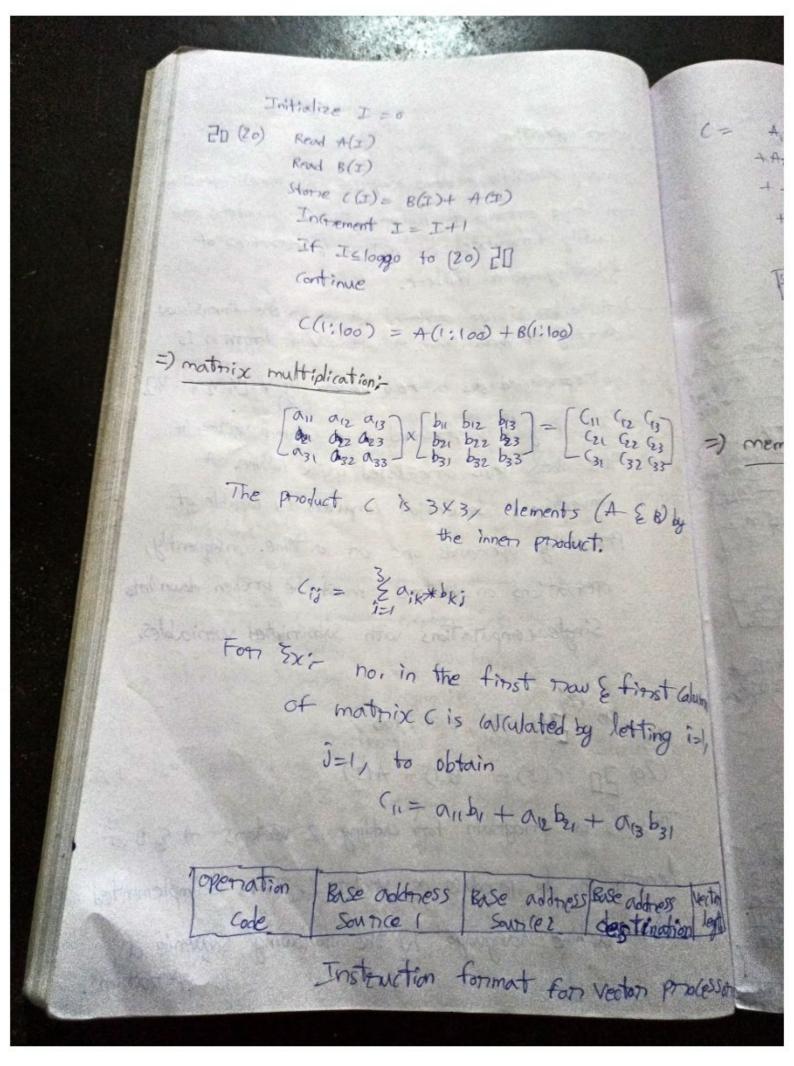
Scanned By Camera Scanner



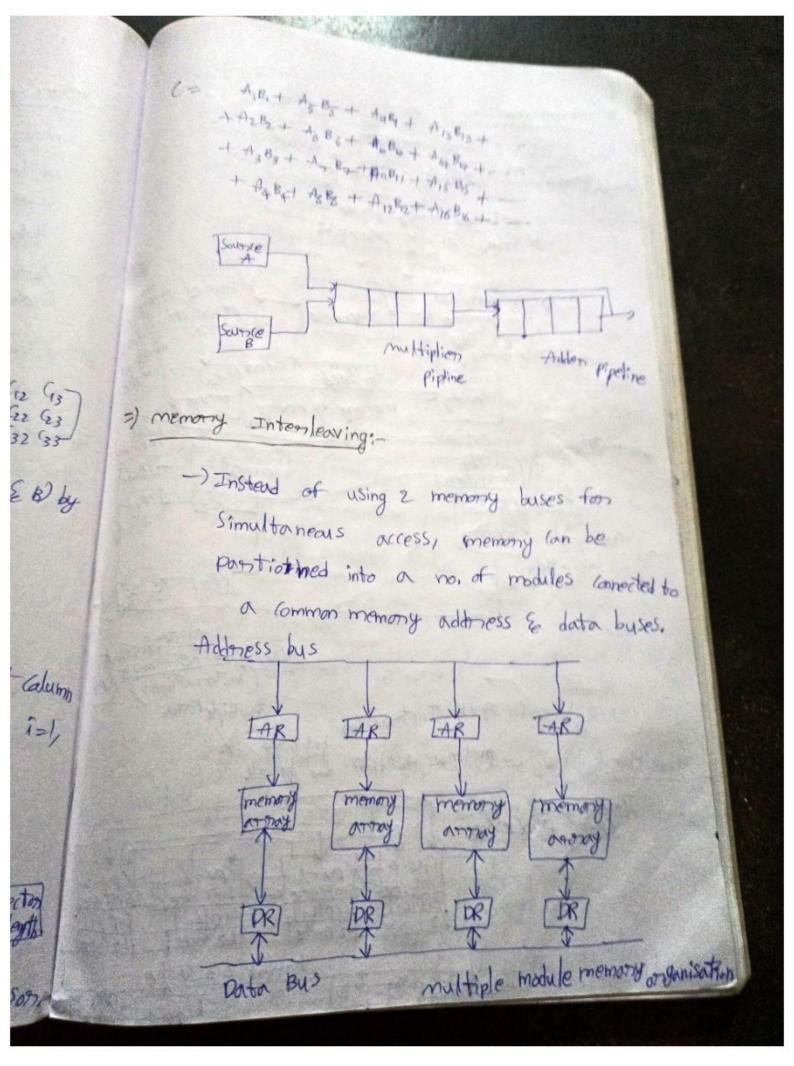
Scanned By Camera Scanner

grator operations , until Exhau -> many scientific problems require anithmetic operations on large armays of numbers. These numbers are usually formulated as vectors & motrices of floating-point numbers. ional I A vector is an ordered set of a one-dimensional armay of data items. A vector V of length in is es of on zed by the represented as a now vector by V=[V, V, V,-Vn]. o, of -) It may be propresented as a column vector if nientional the data items are listed in a Column. A Compute. Conventional Sequential Computers is Capable of Processing operands one at a time. Consequently, operations on vectors must be broken down into Single computations with Subscripted variables. 00 (20) I = 1,100 ions. (26) ZD C(I) = B(I) + A(I)This is a program for adding 2 vectors A & B of length los to produce a vector c. This is implemented in machine language by the following sequence of operations.

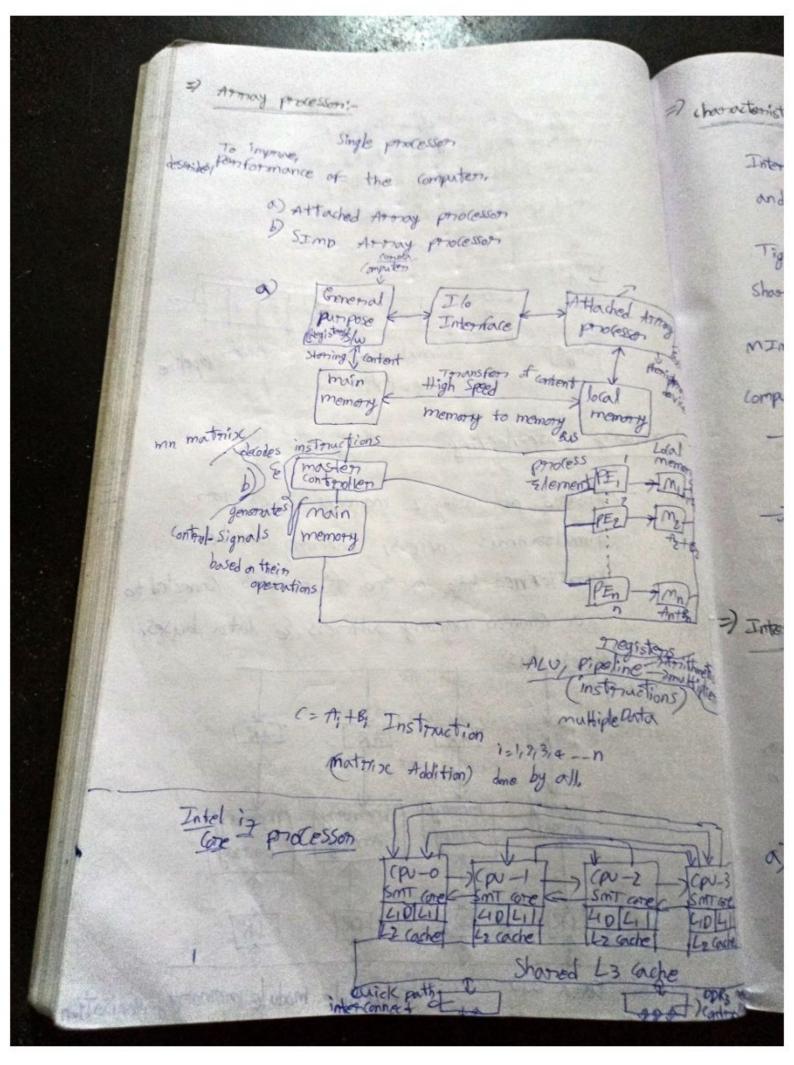
Scanned By Camera Scanner



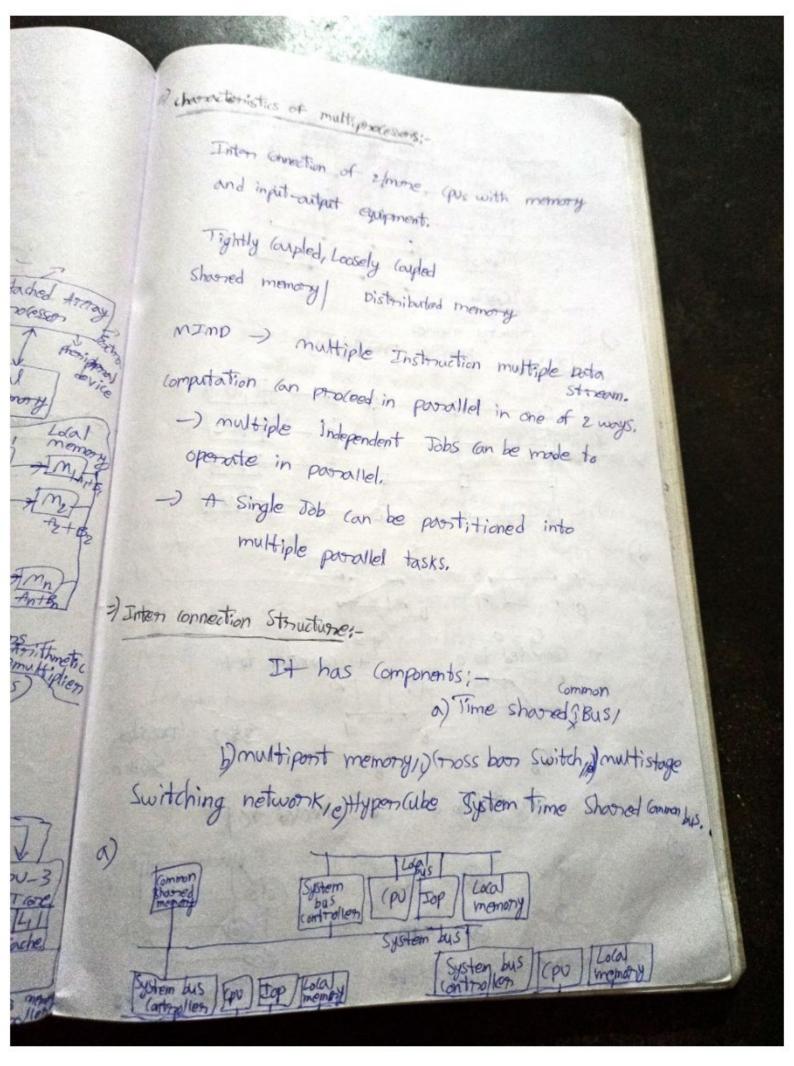
Scanned By Camera Scanner



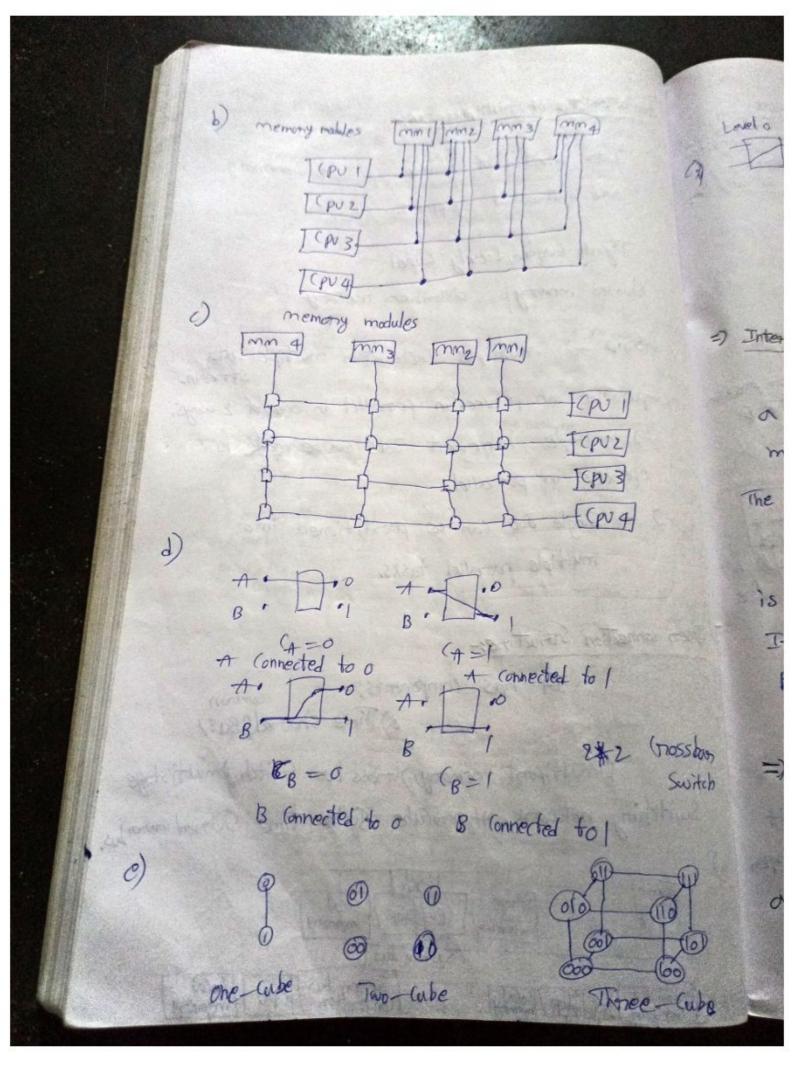
Scanned By Camera Scanner



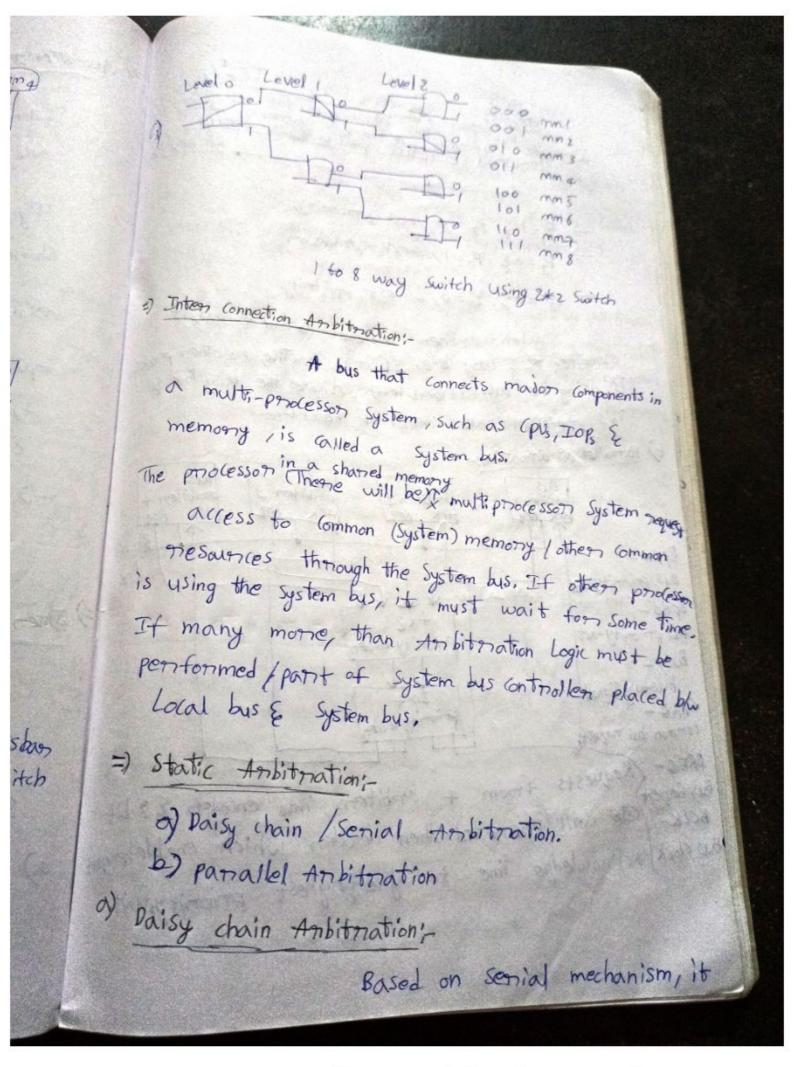
Scanned By Camera Scanner



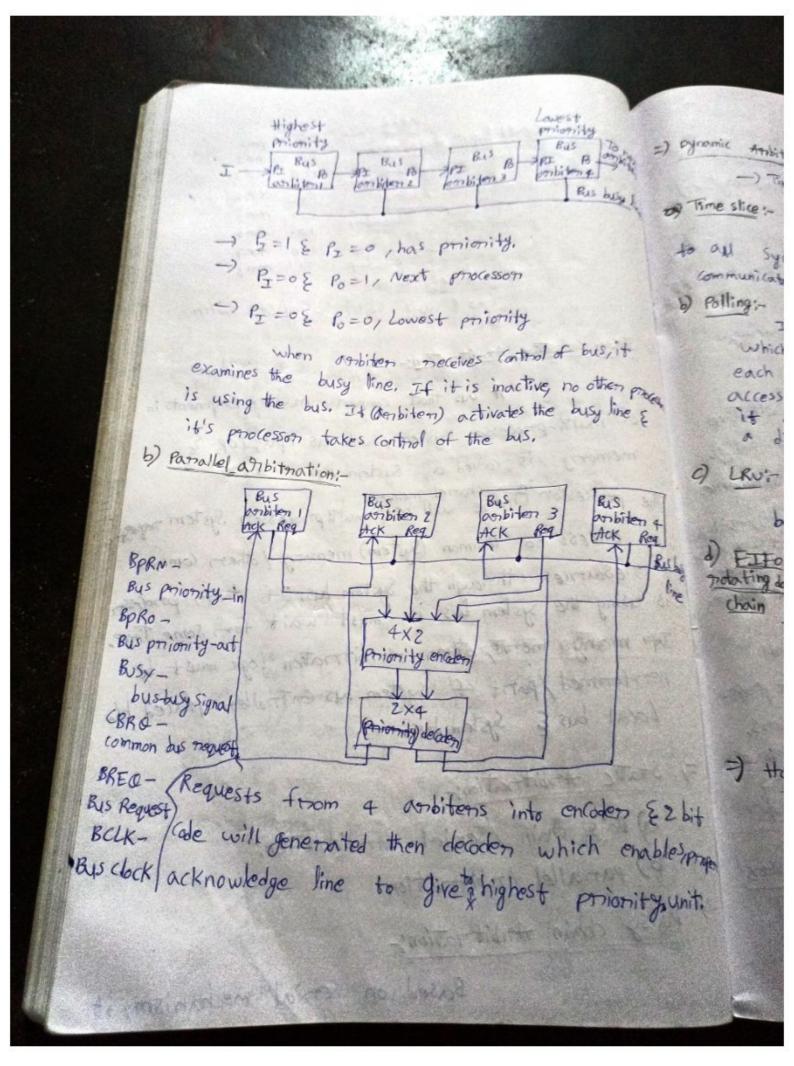
Scanned By Camera Scanner



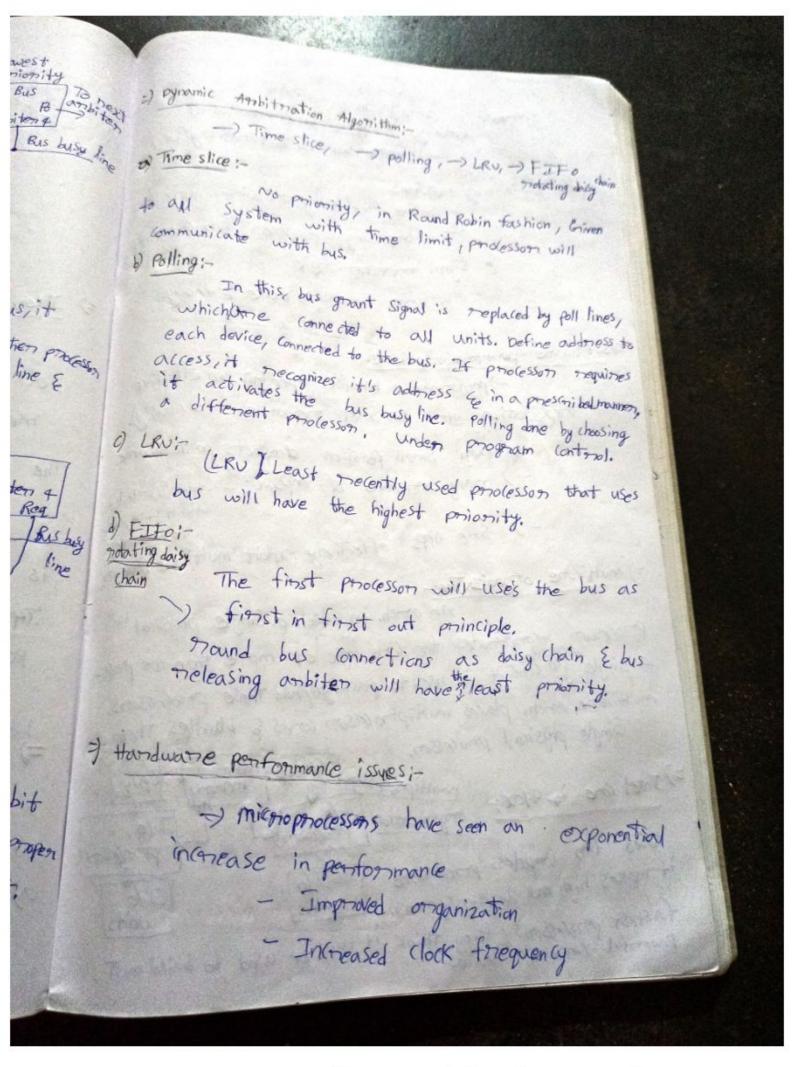
Scanned By Camera Scanner



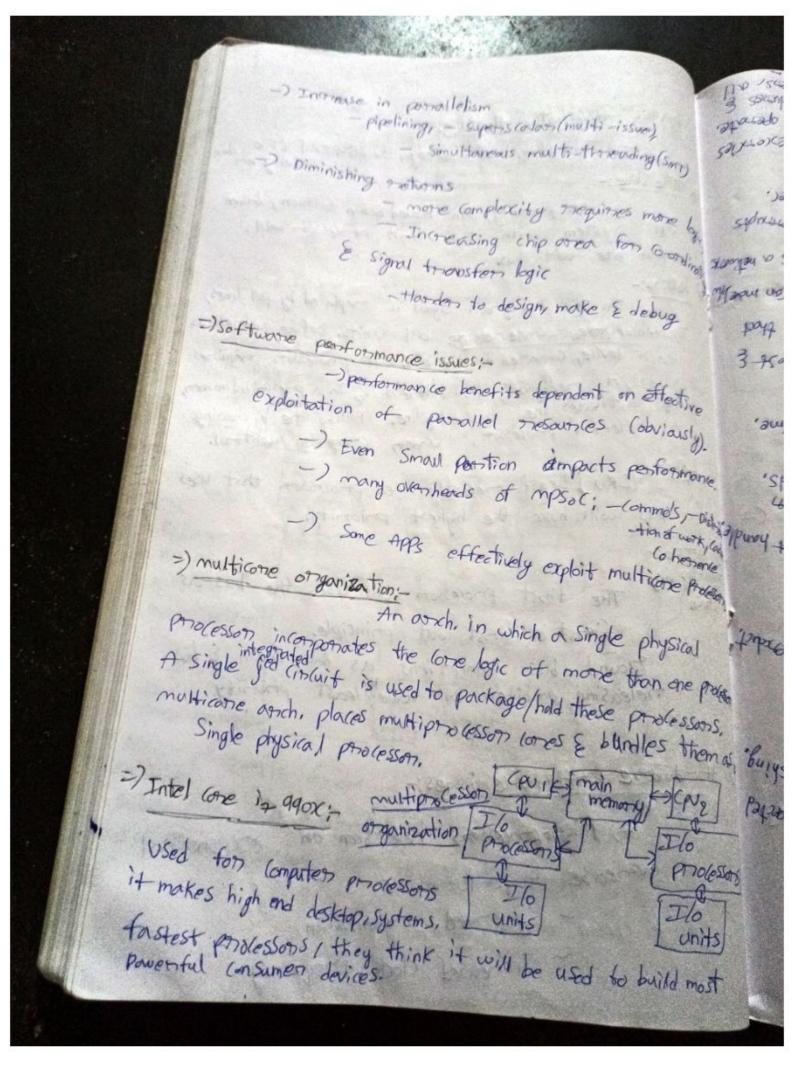
Scanned By Camera Scanner



Scanned By Camera Scanner



Scanned By Camera Scanner



Scanned By Camera Scanner