EXPERIMENT 14 PILE ALLOCATION STRATERY wite a l. program to unulate sollowing file allocation marages significal, Induced & Linker SEQUENTIAL ALMORITHM STEP 1: Difine a structure ramed bill auto members 'name', 'num' and yart. Dellare a as away of mutures 'file', nii', j'and name. STEP 2: Prompt the user 10 mm the number of files (n) JTEP 3: For earn file i=0 till n-1, prompt um so entre me name, staring block and minh of blocks for the file pead & store the details in away a. JEPY: prompt um so enter me name of file to de warchild ('nam') JEP 5: Trerate through the analy a' to find file with matching name 'nam. SIEP 6: Print the details of the found file-Name, Start Block, No 06 Blocks. siert: Ouplay one number of blocks supred by inventing Hart work-

INDEXED ALMORITHM el 1 define a muiture named, will win members 'name', num'
and an away 'block' to store
work numbers
will deliver variables a' as an
array of mutures 'file', 'n', 'i', 'j and inami. siel 3. frompt the un to enter ne number of files (n) step 4: From i=0 to n-1, Prompt me user 30 enter the name and the number of blocks for one file and store it in away a': STEP 5: For earn file i, Prompt wer so enter the Mark occupied by the file read & Hore each block number in me block amay. JEP 6: Prompt the ull 10 enter the name of file to be Wanthed ('nam') It t: It note mouah away a ro find me file 10 bl karched nam. STEP 8: Punt the details of the found file - Name, No of Blocks and Blocks Occupied.

LINKED FILE ALLOCATION ALMORITHM CTEP O: START on individual blocks and bill for file information gel 2: Dellare variables including arays a's head, integers n, 1, 1, 9 and character away 'nam'. STEP 3 Initialize mad pointers head to Will for lun file JED 4: Prompt um jo entr me ro. 08 files (n) STEP 5: From filly i = 0 rill n-1. mulliu head points to NULL, prompt um 10 entre name & numble of blocks in the file. Read & More me allars in away a' TEP 6: For each file i-Prompt wer to input blocks occupied by the file Mediare memory for each block, you me block number, and link the block in linked list structure SIEPT: Prompt um 10 enter me name of file to be nanched (nam) resure mough away a so find me ble matching name 'nam'. STEPS: Purt me altails of the file mus in found - Name, Number of Marks and Brocks Occipied by

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