|          | PAGE No.   |
|----------|--|
|          | DS-UAB PROGRAM:-6 DATE   |
|          |  |
| 10       | with to implement singly whiled hist with  |
|          | opealsons 1-   |
|          | a) Create a linked list.   |
|          | b) pelebon of first element, sperified was last  |
|          | element in the litt-   |
|          | c) Display whenh of the linked ist.  |
|          | The state of the s |
| Ans.     | #hlude Cstel's.h)  |
| <i></i>  | #include conio.1)  |
|          | Shut rode  |
|          | 5-2-2-19-2-19-2-19-2-19-2-19-2-19-2-19-2   |
|          | int info   |
|          | shout node & linle;  |
|          | 7:   |
|          | typedet-Stut rode * NODE   |
|          | · NODE getnodel  |
|          | ( 9 to 10 to |
| Marie II | NODE DU;   |
|          | 21 = Inpot/malloc(size of (shut node));  |
|          | 16 ( )   |
|          | if (x==NVLL)   |
|          | Q = (1 = 11).  |
|          | printf l'Enen Fuchin')   |
|          | exif (0);  |
|          | ?  |
|          | veton sez  |
|          | 7  |
|          | wid Geenale (NONEX)  |
|          | C  |
|          | الم  |
|          | Lee Cas;   |
|          | None inset hort (non & Girst, int iden)  |
|          | None inset hort (Non & Mor)  |
|          |  |

jerny-info-ifen; temp - linka NUL; if (firt==NUL) retur very; terry - slink = first; Sint = temp; seturn first i NODE delete Ront (NODE fint) NORE Jeng: if (fint = = NULL) printf ("List is exply count delete 1") xeburn Fist; temp=temp-slink; printfl" Hem deleted at host end is % older", fint free (first); for seturn teny; NODE ingert-rear (NODE First, intiten) NOTE tempour; temp-getrodecs: temp-sinto=item; temp-link=NUL;

|  | PAGE NO.  |   |
|--|---|---|
|  | chun temp'  | _ |
|  | av=fivst;   |   |
|  | while Cour-Alink, e=NULL  |   |
|  | Since the contract of the contract of the contract of   |   |
|  | cur=un-1hle;  |   |
|  | or -1 (inte stery)  |   |
|  | Lehum first   |   |
|  | <u>7</u>  | _ |
|  | MODE deleferees (NOVE FIST)   |   |
|  | if (fint==null)   | _ |
|  | if (fint=inuly)   |   |
|  | <u> </u>  | + |
|  | printf (" List is errolly carnol-deletel").   | + |
|  | reform Gist   | + |
|  | S COC 1 2/12/2 - Alin 1 1   | + |
| 1800 July 1                                  | if (fint -) line == NULL)   | + |
|  | printflusten deleted is food \n'', Fish   | 1 |
| .2   | inhe)   |   |
| 100 (100 ft)<br>100 (100 ft)<br>100 (100 ft) | $\sim \sim $ |   |
|  | Fel (Firs);   |   |
|  | 2   |   |
|  | prev=NUU)   | + |
|  | $\sim$ 1.   | + |
|  | while Cour-slink!=NUL)  | 1 |
|  | 5   |   |
|  | (mers air)  |   |
|  | - cu= Gost, w - links;  |   |
|  | 2 volote:   | 1 |
|  | puntflyters itseleted at igen end is foul!  |   |
|  | curtinfo);  | + |
|  | See Curi  |   |

prev -91 Mc=NULL; NODE delete-poscint pos, NODE finst) NODE prev, cur; jut court; if (frut == NULL | porc = 0/ putf /"Imaly position Ing Lehn NUU) îf(pos==1) Ur=fish; printf ("tem de l'étecl is glod", un sinto); when Ant; While Cur!=NULL) if (count = = pos) breaks persur; Scanned with CamScanner

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|------------|--|
|            | F 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -  |
|            | If (wit: =pos)   |
|            | printfl'y nalid position \n'');  |
|            | referrition;   |
|            | 7  |
|            | per-11inle = cur-slink;  |
|            | proff 1" tem deteled ais glod', un-sho);   |
|            | Leerode Carl   |
|            | return Sist 1  |
|            | ? Alakaterak makana kana alamak  |
|            | void display (NODE Fint)   |
|            |  |
|            | NODE temp;   |
|            | if Chist = = NULL)   |
|            | The state of the s |
|            | protet "bick empty comotdispayitem?"   |
|            | 3 - March Art Charles and Char |
|            | else   |
| The second |  |
|            | printf("Content? of the Listilis"),  |
| The same   | ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )  |
|            | for ctemp. = frist; temp!=NUN; temp=km)  |
| 9          |  |
|            | printf [" o/od In", temp -> into);   |
|            | 2  |
|            |  |
|            | void marh()  |
|            | Girt Hem, choid, pes;  |
|            | NODE GIST = NUL)   |
|            | for ():1   |
|            | C  |
|            |  |