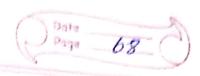
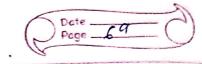
Shreshtho dagarwal 18m19(5155 Date Page \_67 21/12/20 D> WAP for Binary tuck # include a stolio. 47 # include - stdlib h7 # include < string. 47 struct mode & int info; struct node \*llink, \*rlink; 3; typedy struct node + Node; Node getnode () & n = (Node) malloc (size of (struct nede)); if (x = NU(1) { prints (" Memory not available 'n'); exit (0): 3 erturn 4; } word freenode (Node v) & face (x); 3 insent ( int item, Node root) & Node temp, our, prev; char direction [10]; sit i tent = getnode (); temp -> info = item; temp -> llink = NULL; tent > rlink = WULG if ( root == NULL) & return tent;



frients (" Give din" to insert: "); scanf (" / s", direction); free - NULL; ens - root; for (i=0; ic strlen (direction) 12; cur!= NULL; i++) f frew wi if ( direction [i] == l'11 direction (i] == (1) { cun = cm > llind; } else { sur = sur -7 rlink; 33 if ( cur! = NULL 11 i! = stelen (direction) } frients ("Inscrtion not possible in");

freelmode (temp);

return (roat); if ( run == NULL) { if (direction (j=17=1/1) direction (;-17 == 1() { eprev - ? Clink = temp; 3 else { frew -> slink = temp; 33 return (root); } word priorder (Node root) & if ( roof! = NULL) { frint (" 1. 1 -> 1 ", root -) info); preorder (noot -) llink); preorder ( root -) rlink); 3 4 void inorder (Node root) &



if ( root ! = NULL) { inorder (root -> llink); print (" / · d -> ", rout > inp); inorda (nott -> rlink), 33 void fostorder ( Node root) { if ( root ! = NULL) { fostorder ( rost -) llink); foctorder ( noot ? rlink); frainty (" 1. d -7", most -> inp)) word display (Node root, inti) { int j; if ( soot != NUIL) { display ( root ) rlink, i+1); for ( j=1; j = 1; j++) print (" "); prints (" !d 'n", root -7 info); display ( root -> Clink, i+1);33 Node root = NULL; int choice, item; for (;;) & frients (" ! Ensert In 2 Preorder In 3. Losder In 4 Postorder 125 Display In 6. Emit In "); frients (" Enter choice: ");

