1BM19CS054 Dingashue-k Lab 5 # undude Stdio h> # melude & stallite, h> word weate ( ); word display (); hoid insert at rode (ut); word mout - before (); Struct noch int date; Street rode \* nent; struct node + head = NVLL; ent main ( int arge, when & tarque) ant show, shi Printfil' In 1. Create In 2. Display In 3. Fort-before on 4. Insut at particular noch la 5- buit la" Jprintfl" In inter your chain: "); oranfl" Ted" & showing; suntity ( chain) ruse!: mute (); bruke; ruse 2: display (); break; ruse 3: insut-before ( ); hunk; roseli print f !" Entre the node where the new element has the be insuited by "); pranf (" 1. d", kele); mout at node (che); defant: init Co); while ( show = = 1/1 show = = 21/ chair = = 3/1 Main 2 = 4),

noid mate () struct noch & neumoch, & lump; mit item; numbel = (stimut noch +) mullow (size of numbel = (stimut noch +) printf ("Enter the dater:"). sunfl' d', ditem ); numode -> dutu = there; if (hud= = NULL) neurode > nent = NULLj Just ( Ca (Vode mother In 9); tung 2 head; // transcrusing timp = temp -> nent temp - > hent = newword; printfly Nodo created (n"); wid mout before () stint rode & remnode; print ( Cuantutu clument: "); sumf Cay. da, kelle); neurode & ( sturt node \* ) nullou ( sige of (strut node)); head - numede ;

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void insut at noch (inta) Street node & neumode, thing; ent i, eli; securf (" Enter the element:"); umode = ( Struct node +) mallor ( size of ( Struct node )); numodi-> datu = eli; temp = temp - > hent; noid display () Shuit rock to ptu = NULL; ptr = head; of (ptn == NULL) printflahist suptry !!! (en"), g auhile (ptr != NULL) printf ("Y.d", ptu -> duta); ptr = ptr->next; print (" (");