NAME ANSHUL H. SURALA VSN°1BM19CSO26 WAP to Implement Singly link list with following operations a) Create a linked list b) Insertion of a node at first position at any position and at the end of list of highery the contents of the linked list. #include < stdio. 4> # include < stdlibh> Street node d intid; Chan nama [20]; int bem; Street node \* next; node \* head = NULL; Strict void linkedlist (); void insert wide At Begin (); insert Node At End (); bion void insert Node Athny(); void display hist(). int 8,50=0, () nion mi linked list (); Anshad H. Sucan Setier 0;

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MANIE : ANGHUL H. SUPAKIA UIN HAMIACEON C void inhealtiel Annier in enter the operation" choice I, choice 2; printe ("In I down toode I In 2. Bigley Get biss In Choice: Stanff "1d", 8 choice 1); Switch (choice 1) Teased: printe ("In J. At the First Poster)! exception (hoice "); 80mc, 1.9, 8 droice 5 Switch (choice 2) case I: insert rode A+ Begins); brook; (ase 2: inserthode AtEnd(); break; Case 3: insert node Af Any (); beeak: default: Print ["In Input Error, try Again 1/1" linkedlist (). break; Case 2: displaylist (); break! Case 3: exit(0). default: printe 1" In deput eroser, Try again 1 In') linkedligt (). insert wode At Begin () street node\* nownode. newwode = (short rade x) malla (8

NAME : ANSHOL M. JURANA USN:1BM19(5020 Date prints ("In Enter the Betails" Dents (" | U ID: ") Stantt "1.1.d" & (nowneds +id)). printel "Name" Scoret ("1.9" & (newnode + vand). printe ("Sem:") Stant (". 14" & Encumode Jean). normode I next = head head = newnode; Sizett; printfl" in vade created In" linkedlist (): void insert mode At End 1 strict node \* nowade \* temp. neunade = (8trock rodex) malloc (8ise of (8hord rode)). prints (" In Enter the Details"); scant "1.d", & Crownode Jid). [" at al") string printe ("Name:"). Scart ("15" Crewrode Irane). printe ("Jemi") sant (".1.d", &(newnode +sem)); if (head = = NULL) noumode - next= nucl; head = newnode; printe ("Node Geated In"). linkedlist (). or (temp= head; (temp+next)!= null; temp= (temp+ next)] revouode - noxt = norl; temp + next = newnode; Size ++ printe ("In Node Greated) Arghul H. Swang linkedlist ();

NAME: AMHUL H. SUPANA CONTIBMINGUES raid insertnogenty and \* tempshead; & short node + nownode, remode : (shutrede ) mallac (size of (short nod) pintfl" Enter the Defails"]; protection ID "I sant 1" ! " (new mode rid). Printf(" Name:"); sont (" 1d Crewnode Isen). printel " Sen: "); int 1000, C-0+ printe (" In Enter the position (post=1 and poxild) scanf ("1.9", Shel); (6 == cog) 73 printe ("In Error Position, check the operationment) linkedlist(); for (temp; temp+next) = NULL; temp= temp+next) ((1-209) == 2) 7; rewrode trext = Ctemp trext); tempt next = newnode; printe C'In node Created In"). Unkedlist (); tomb= tout west. void diploylist() if Chead = NULL Arshul H Sugars 2 printf ("In Empty List In" linkedlist

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NAME : ANSHUL H. SURANA UIN : IBMIGCS020 Page No. printer on The list is:"); for (8 that node \* temp = head; temp! = will. temp-temp-next printe ("In Stodent Details") printe (" In Name: "1.5", temp - rame printer of sens. 1.d., temp + sens linkedlist () Arshal H. Surano

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