Experiment: 2: Pivishna vadhon Relly Aim: Implement a congram to restorm symbol table operations. " Go's dol rodo : pigo dil Program! trinnade stations Hinnude < conjointy Hindude Zmalloc. 43 Alludings Especial. Mis amount applied to mis + 4 My mains #Innude xstallib. html har- it call of town of ill before It deline NULLO: (" MOUTS'S' in 18 100m? I I M Norms? Int size =0; Scart (110 X (1/2 0) X DF); (O fort. Sion (90) Nokias void Display (); usid belele (); Int search (char. lab (7); ; (1) Etibon. biou struct symboliab clay label [10] (24 mbol [10]; int addr. Stauct symb. Tabanett;) struct symbol Taba first, " but Introduc) (8) 12 NO 1 Grant

P. Vishnu vardhan Red Int add Yilliam 19201179 struct symb Paba next; 1; intady motor of about and struct and struct symb Taba first, at Kinsy Implement o with orone ship. int main () int opy; char lab [10]; Hegrava (((14564()); Printil" M+ Symbol table Implementation (n)) burning printf[11/ht. InsertIn/t2. DisPay/n/f2 Delete/n/t search[n]+ 5. moDify/n/+ END(n"); Odinin onisobile scanf (16/2 21) xDP); (1) bevir biou Switch LOP) in skipu hid raje 1) Insert() 24 search (Sho brook. 10 PHilom Lat cose L' ga. quits prets DISPICES C); : [or Hodners Earl Ledon rot break case); Delete(); Hon & d. T. dmp & Duck printf 11/n the Ender the local to be sourced !!) ing a burk case "; Scand 1114. St, 10),

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y= search(la)
                                       19201179.
 Potat (16,1+ Search Aerus E:11);
 Birt f 111/n /f the label is present in the symbol-table (n')
 Printf 11/2 the cibel is not present in the symbol.
        taple [n11)
 brak,
 Care 15
  modity 1);
                ("Intingle and - con Yotha How " Hardon: In");
  break,
 care b',
 Bat (D);
 while (OPL 6);
 getch();
void Insert ()
                                     Scort (12,71) Toos
 int n;
char Mo];
brint (11/1 Entertie label! 11)
scanf (11.5:11)
n=search(1);
printfl"Inft label exists already in the symbol table. Inft
        Dupitate coult be inserated ")
                                    Show the sy
eve
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struct symb Palotp. P= malloc[size at [struct symbiab]] 192011179. strepy (p-) label(1); (4,09 m G (2 - 1) Styled scanf (1/2 / D / Enter the addreas!) sant (ch.) (x b = aggr); p-7 next=wull if (si 2e==0). first scant. print 11/1/1/1 after modification: [n"); Dispay(); Printf (11/n Finter the label where address is to be modified) CHOCK Li scarf (14:5 ! I); S=search (I) Printf ("In/t Enler tu new address"), For scant (16/2 1/ laddren) for 11=0; iksize; itt) (1) Horosecon SAMPLING INTERPRETATION if (stremp (P-> (abelit) = ?? ad this study of pa addr = add. P=P=>next.

g. vilhau. 192011179: 100m12 Inta, PFIMARA char 1 (10); Struct symb Teb & pagi Birth 111n It Ender the label to be delated: 11); P=おれ. Scanf (11.4.5!, 1); a= search (I); if (a==0) Pointf (1/n/f label hot found (n") rup - ylabelightle of who is olse. if I stocmp (first Ant = Hort I neet. Walnut would blo est vilus die if literimp (12-2 (abeli)) 150) resupristion satisfied b=b-Ineap. sample output: Symbol Pable Jappeneration symbol teble In Inst Theret DISPAY Dis Play. belete. search. Ender your opion ! Enter the option :- 1 molity. tour your cabel Plut. Cabel symbol in Addrew man Ender the symbol: + plus Enter the address. 1100 mangignet it with the sol Cabel moeted is solo and differential of

symbol Pable Implementation. Insect DTIPlay All helloted at the Delete. search. Hibon END. Enkr you rophon ! ! what do you want to opwon! only the babel only the addrew. Both the bibel and address Enter your Choice. Fiber the old labor - minur. Fukr the new label! minu; new-After molitication. · Adres. symbol label 200 minu-new Implementation able symbol Insere PHRAY telete. Search . Enter your opvion 26. modify. END. nerut; Henre-tu Impremenaubn, e program to perform symbol dable operaubn.

Experiment 22 Prof Mona. 2: 14/10 - A AM! To Doibe & Program for i'dord Identified constant and oferation. (b) tipil a) th Program! 16/14) to 10 = 8 et (41); #Include LstringohD. (Co) Hipbary office) # incude (type. h7. Hinclude () Hio. h. >. void keyword (char str/1007; It (1420 mp (1140x 134x) == 0[Stremp(11mhile (1141) ==01 2 pol w b | 1190 2 pol 20 2 pol m | 1 2 pt) = = 0 | 1 x cmb. (float 1, str) ==0//stremp/11/hav 1/str) 11/3 tremp (11 double. 11 storme Mit printflyn is a key board ") printft (n'1.) is an identifier (str); (A) dog main (); us il fisnipheri); que , trats , +15) char (116/167/16/12)] int num [100] (The NO20; token =0, 12/1=0)2 K=01 mintfl" (n Enkrate Chrigramil) () Albert 31 4 (Rden (1411);

Bafoopen [1] special chav! [6") (K. Vichna. while (11= get(4))! = FOF) if=fopen(11 Input 1411). 12 -fopen(c=get((ti))=fof)) His or a five Minetanos Machineste (t) lis light (c) Hoken value = C'o'; c=get (41); while (1) digit(ci); 51 +9714) spenowith · Loudre vand broad bi token value K=10+c=8! c=get(ct); sin mamirtele == (de soft) amount 1 to - (421 foil) quante oc= (41,0 L) 9mints hum (144) = token value; uget LCFD2 how 1211 of with Harry Till quartill (rde) num (i++)=token value; 1914+1961 no 11 (1/11) 1/1/19 ugets (cif); eve if (is alphas); [Callade Coffelia o vod put(1,f2); (=get c(fi); while (13 digits (c) alpha (co)114c-s);

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3
 puls ("fz")
ungell (c. fi) //app)
3
of (c==111(=="1/4") (11 NO)
eve
banttin)
ese if (c==In) linenott)
en e
put C (c, f3) Coming Litera would for an what in A time
friose (fr);
f((o)e(f3);
f(lose(fi);
printf [11/n the hols in the program ax!)
obs 13=0; jyj; itt):
1) = popen [11 identitier / vil).
 mult little keywords and identifier ax 11)
 while {c=get(2))!= FoF(1).
  if(c! == getf(2)!= FoF).
                    (Solvaler)
  keywords [1/8);
   K20
```

OJ:

it close (ts); \$20pen (11) pecial char 171). Prontf [11 In special characters are 11)) while 1(=geh f3!=fof). printf (11/n11) filose (fs) printf [11 fotal no of lines are to [lines Nota)] out Put ! Input. Enkermogram Hot D for termination int a (5) 6£2. (1=2; a(0)=1; a(1)=2)a(+7=3; 62=(a(2)+tixb)(a(-i)-+1) if ters tun printfer); ene intt 3 7 +3= 99, +2 25; Mint (-+1+E2X+3; Bothis is comment on 2 lines. output ? Variables : a(s) +2 +3 operator 2+ x/2 combants. Keywords: - Int if then alcendit special symbol commented this is comment on zither. Revuit: : Part religioni

3. Experiement: 3 (V.viVhnu Regno: 1920 11Hq Aim! Implement a congram to elimate leftdeanion from to given CFh. pin de l'Un l'asmonte [Cropal: 120 grows prop : parimans usy Program !-Hindude Little 17: (1 47 ob 10) (1) moiss whom = odg) of Hinclade (storage harm) who will be the series Harman Harred # define size to non ferminal. The foreston (i) int main () f Char betajaipha, (Cityboln) (1) rodichon - odglo mintal citis left secondine (111) int num: char production (10) [size]; (r string of the string following 11-7 118) pronf [11 Enter the number of Production:") printf ("Enky the grammer of E-2E-A:In"), for lint i=0; 12 norm; itt); or the ton in the Scanf Citys production (1); for lint=1=0 < numita); Printf ("In brammer: "/s Production (i))) non Erminal = Modection (i) index); -Tall alpha = production (17 inded. Prontf (1175 lest racorriul); Lodies Nitracon that is the marriaged

Exercise (4.2) mind the hammer: "45 partition (7)". her terminal = material activities [] { appea = fraction (7) intel (1) Hirth Wis oleft secongre [m] ren ferminal - Production (1) Index)] J elpha = production (in [indeptil)) points (11 is left records In"); while (production (17 Inder) 1==0 88 Production pred i = promocrator ont left xourse Printf (! Court to be reducation [mil) Partful of 18H recorsive (n) indels sample output? Enky the Number of Moducilon it k fin herete. grammer as FOFA; FOFA A-2 AT/aT-)a. hammer = E-JEA/A is left reconsive hammer called Warmer ? A-PAT/a is telt returning with a

1ett factoring Purtyhou. Alm. To Implement a corregram to Eliminate. lett Ractoring from Las given CPh ; grand lovers. at wants & wholes darken Program ; Hinnude Kildio. hs. thinkinde & string. ho. Internation). Char gram (16), Part (20), part (20), modifield (20); Int-1, 1=0; K=0; j=0', Pos; Daint (LENger brogregon: 12) gels (gram); for (1=0; (1) tream (part 1) 11:x strien (part 2); 1+4). 16 by 613= Bax 2 (12) 1/100 por 319 1/1 modified aram 510) = park (13 kt) POS = 141' Men Mand City) = [1] (40) = 911 Mapy for 1= Pass ; 1= 01 Part Lid; 14+). out Put; Ender production A-2 aborn = labor . A-TABCXX-TDE/FL. Nevalt: c program for 1eft factoring is Exercised.