POORNIMA

EXPERIMENT 3

Objective = Identify whether given string is beguered or Program => # include < Stdio. h > # include < conjo. h > # include < String h> Doid main () {

char a [5][10] = { "Frints", "Scans",

"if", "else", "Ireas" 3; char Str [10];
int i, flag i
class of (); puts ("Enter the string::");
gets (Str); Jor (i=0; j < Hrlen(str); i++) {
if (str.cup (str, a[i] = 0)) {

POORNIMA

POORNIMA EXPERIMENT 3 4 Objective => Court total no of keywoods * Program > # include 2 Stdio.h> # include < Adlib h> # include < string. h > # include < ctype. h > Static int count = 0; int iskeyword (char lougher []) { char keywords [32][10] = E"auto", "break"; "Continue", "default", "do, "double", "float", "if",
"elle", "soid, "mion", "while" 3; int i, plag = 0; John 1=0; i=32; ++i){

if (212 cup (Keyword [i], lengton)==0){

flag =1;

Count + +;

3 return flag;

Page No.....

0/P=) Break case

there is the state of the state

POORNIMA charch, louffertis];
FILE * Sp; lot = bopen ("may. C", "2"); ib (lot = = NULL) & printly ("elhos opening bilela"); erit (0); white ((ch = facto (ff))! = EOF) &
if (isalium (ch)) & lougher [j++]=ch; else if ((ch ==' | ch == ' | n') \$ \$ (j!=0) } Soubber [j] = ' (o') if (iskeyword (louffer) = = 1) Prints ("18 is keyword ni, beffe) "no of Keywords = 'td", (out); Page No.....

Jiput L Mayun. C.

Sp. T.

Sp. (= 90 A + - *
3 Total No. af Oterator = 3 3("BOV= = 48 White Caller spering filely);

3 (707 =! ((49) stept = 16)) 8 16 16 3 (CB) must be 2 4 - (b= [+++1 2 8 4 feet]

EXPERIMENT > 5 POORNIMA 3 Count total no of operators * in a file Vrogram = # include < stalib. h> # include < string. h >
include < ctype. h >
Static int count = 0; char ch, lougher [15], operators [] = "+-*|-; FILE * \$; AD = = NULL) { printly (" elsor while opening file \a"); while (ch = fgetc (ff)!= EOF) & Jos (i=o; i = b; ++i) {

if (ch == operators Li] {

printle ("Y.c is operators n", ch); Page No.....

	POORNIMA		0	1 1 1	. 1. 15	A.V. Desi
	printy	2 L" NO	0	operatore	= 1/d.,	Count)
	fell	sse ());			
$-\parallel$	2 ret	ion o;		de la	14 30	1 1 6 7 6 5
			/	A L S T	2.000	7 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
				To a Y	<u>C 1911</u>	ALLONA SOLA
-				0 = 1	D 195	Charleya Asia Caranta
-					6.10	7-12 descr
-					0.0	- 10\ total
$-\parallel$	1	1		*	7 5	- /- \ Your 13
$\perp \parallel$	full				8.03	E CONTRACTO
1	1	1		Q A		(-1 # 15)
	1/01	Hall Field	1/40	4 1 2 4	<u> </u>	July Sun Vato
	/ 0'		1007	31	1 = 3	(S) - EspiDet
				13,44		(T) sensible
1				12:15:00		10 Hill 20 1 21
1						
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\parallel						
-						
		*				
			45 16			

(= 9/0

Enter production 1: E=TR
Enter production 2: R=+TR
Enter production 3: T=a

First (E) = {a} First (R) = {+} First (T) = {a}

Follow (E) = { \$3 Follow (R) = { \$3 Follow (T) = { \$43

POORNIMA EXPERIMENT =>6

Aim => Program to implement the first C language. Program => # include < Stdio. h > # include < ctype. h> # include < string . h > # define MAX 10 word find Filst (char, int, int); 190id add To Result Set (chas, chas []); int count, m = 0; char Production [MAX][MAX], first Set [MAX] hollow Set [MAX]; prints ("Enter no of productions:"); Scanf ("Y.d", & count); for (inti=0; i< count; i++) {

Printle ("Entos production 1.d:", i+1);scand ("1.8", production [i])

POORNIMA gos lint i=0; i < cout; i++) & Printp("First (1/c)= E", production [i)[o]); for (int j=0; first Set [j]!= 'lo'; j++)

plints ("3\n"); = 0; i < cont; i++ Sint ("Follow (1c) = E", production LiToT);

or (intj = 0; follow Sot Li]! = 10; j++)

plint ("1.c"; followset [j]);

print ("3/n"); Seturn o; word First (charc, int gr, ind gr) {

if (! isupper(c)) {

filst Set [q,] = c;

elle {

elle {

} for (int j = 0; j = (out; j++) {

if (froduction [j] [o] == c) { if (production [j][2] == '#') {
first Set [q,] = '#';

Page No.....

POORNIMA find Filet (production [j][2], q, q2+1) ind tollow (chose) & Moduction [a][o]==c) add To Result Cet ('s', Golland =0: jc (out; j++) { inj=2; Production [i][j]!='lo'; j++)? if production [i][j+1] = 10'){ Sind First (production [i][j+1], 0,0) fer (int R = 0; fixelet [K]! = 10; K+) if (Production [i][j+1]==(10) SS c!= plantie Seon? bor (intk=0; follow Set [K]!=110; K++) add Tolesult Set (bollow Set [K], Collow Set); add To Pedult Set (chal c, chal Set []) & Page No.....