t i film a benezia d

## SEM-V CD-PRACTICAL

Que: WAP to calculate FIRSY and FOLLOW

Ans: # in clude & stdie . h> older mathers # # andudex string. h} # Include & ctype . h> 4 Include (Adllb. h) int n, m=0, p, 1=0, j=0; chanalio][10], f[10]; Word Follow (chanc); void first (char c);

Int mais ()

do

out 1, Z; i perili - Armizi char cich; proutf (" Enter the no. of productions: \n"); dant (" . 1. d", &n); printf (" Enterette production: 10"); for ( i = 0 ; ixn; i++) dout (" 1.05.1.0", ali], bch);

> m=0; printy!" Enter the demant whose First and follow is to be jound: ");

scary(" . 1. c", &c);

```
FR 54 (c);
      Prost ( first ( a) = {',c);
       for (1=0;1km;1++)
       bugget (10.00, 1263);
        bentlas (na);
        book ophobil (t' " ");
        m=01
       follow (1);
        bosupt ( a NOC a t [i]);
        bus not ( , 3 ( w, ) !
        bunt (, con form (0/1) ););
       scant ( " . 1. d. 1 . c , 16x, 8ch);
      } while (x = =1);
    return (0);
yord first (chanc)
                                              Jan Francisco
 1 Lui B
    Pt (! isuppur (c))
     + [m++] = c;
    for (K=0; KKn; KH)
     4 :+ (a[x]lo]==c)
            ? { (a [n][2]= '$')
              follow (a[k][o]);
              else 4 (91 Lower (a[k][2]))
              F[m++] = a[k][2];
           } relse first(a[x][2]);
```

```
wid follow (char c)
   ff (alo][0] = = c)
    F[m++] = ' $' ;
     for (1=0; 1<n;94)
      { for (j=2 ijz drlen(ali]); jtt)
             ق الم (مالنالغ == c)
                   ? + (a[i][j+1] = 1/0')
                     First (ali 7 Lith 7);
    ? + (a[i][j+i] = = 10' ab el = a[i][o])
                      follow (ali Ilo);
                                  O Chalmen
```

## JUMPUM

Enter the no- of productions: 5

Enter tu productions:

A: bured is at it wellook is terit exailer stramely ut listed

first(A) = egas

follow(A)=db)

Continue (0/1)? 1

Enter the dements whose first & following to be found: (

first (c)=493

Pollow (C) = d F)

0 ! (1/0) writings