***Experiment No.***

***A.I.M-:*** Write a program to implement left recursion of a given grammar ..

Source Code -:

#include<stdio.h>

#include<conio.h>

void main()

{

char a[5];

int I,flag=0;

clrscr();

printf(“enter the production rule”);

for(i=0;i<5;i++)

{

scanf(“%s”,&a[i]);

}

for(i=0;i<;i++)

{

printf(“%c”,a[i]);

}

If(a[0]==a[3])

{

printf(“\n it is left recursive”);

flag=1;

}

else

{

printf(“\n it is not left recursive”);

}

if(flag==1)

{

printf(“\n %c->A’ \n”,a[0]);

printf(“A-> %c %c\n”, a[3],a[4]);

printf(“this is resolved”);

}

else

printf(“it need not be resolved”);

getch();

}

Output-:

