**/\* Program No. :**

**Aim: WAP to find the terminals and non-terminals of a given grammer consisting**

**of more than one productions.**

**\*/**

#include<stdio.h>

#include<conio.h>

#include<string.h>

void main()

{

clrscr();

char gram[10][50];

int n,i,j,term=0;

printf("\n\tEnter the no. of productions: ");

scanf("%d",&n);

printf("\n\n\tEnter the productions\n");

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

{

printf("\t\tProduction %d: ",i+1);

scanf("%s",&gram[i]);

}

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

{

for(j=3;j<strlen(gram[i]);j++)

{

if(gram[i][j]>=97&&gram[i][j]<=122)

term++;

}

}

printf("\n\n\n\tNo. of terminal: %d",term);

printf("\n\n\n\tNo. of non-terminal: %d",n);

getch();

}

**/\***

**Name - Rohit Aggarwal**

**Roll No. - 7CS-097**

**\*/**