**/\* Program No.:**

**Aim: WAP to check whether a given expression follows the grammer a^n.**

**\*/**

#include<stdio.h>

#include<string.h>

#include<conio.h>

void main()

{

clrscr();

char \*exp;

int flag=0;

printf("\n\t\tEnter the expression: ");

gets(exp);

if(exp[0]!='a')

flag=1;

else

{

for(int i=0;i<strlen(exp);i++)

{

if(exp[i]!='a')

{

flag=1;

break;

}

}

}

if(flag==0)

printf("\n\n\t\tExpression is as per grammer a^n.");

else

printf("\n\n\t\tExpression is not as per grammer a^n.");

getch();

}

**/\***

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