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*CHECKING STRING BELONGS TO THE GRAMMAR*

*#include<stdio.h>*

*#include<string.h>*

*int main()*

*{*

*char s[100];*

*int i,flag;*

*int l;*

*printf("enter the string to check:");*

*scanf("%s",s);*

*l=strlen(s);*

*flag=1;*

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

*{*

*if(s[i]!='0' && s[i]!='1')*

*{*

*flag=0;*

*}*

*}*

*if(flag!=1)*

*printf("string is not valid\n");*

*if(flag==1)*

*{*

*if(s[0]=='0'&&s[l-1]=='1')*

*printf("string is accepted\n");*

*else*

*printf("string is not accepted");*

*}*

*}*

