Problem id : 10929

#include<stdio.h>

#include<string.h>

int main(){

int i,len,sum;

char n[1020];

while(1){

gets(n);

sum=0;

len=strlen(n);

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

sum=sum\*10+n[i]-'0';

sum=sum%11;

}

if (sum==0&& len==1) break;

else if (sum==0)printf("%s is a multiple of 11.\n",n);

else printf("%s is not a multiple of 11.\n",n);

}

return 0;

}