#include <stdio.h>

int len(char \*str)

{

int length=0;

while(str[length])

length++;

return length;

}

int main()

{

char name1[100],name2[100];

int l1,l2,count;

count=0;

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ F.L.A.M.E.S \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

printf("Enter your name : ");

scanf("%s",name1);

printf("Enter your partners name : ");

scanf("%s",name2);

l1=len(name1);

l2=len(name2);

for(int i=0;i<l1;i++)

{

for(int j=0;j<l2;j++)

{

if(name1[i]==name2[j])

{

count+=1;

name2[j]='0';

break;

}

}

}

count=(l1-count)+(l2-count);

int tmp,track,cancel,i,j;

track=6;

int a[6]={1,2,3,4,5,6};

int b[6];

for(int ind=1;ind<=5;ind++)

{

cancel=count%track;

if(cancel==0)

track=track-1;

else

{

cancel=cancel-1;

for(j=0;j<cancel;j++)

b[j]=a[j];

for(i=0;i<(track-(cancel+1));i++)

{

a[i]=a[cancel+(i+1)];

tmp=track-(cancel+1);

}

for(i=tmp,j=0;i<(track-1)&&j<cancel;i++,j++)

a[i]=b[j];

track=track-1;

}

}

printf("Checking your relationship status");

for(int num=0;num<10;num++)

printf("\n........");

printf("FOUND----->");

switch(a[0])

{

case 1:

printf("Friends");

break;

case 2:

printf("Love");

break;

case 3:

printf("Affectionate");

break;

case 4:

printf("Marriage");

break;

case 5:

printf("Enemies");

break;

case 6:

printf("Siblings");

break;

}

return 0;

}