#include<stdio.h>

#include<string.h>

int nfind(char \*s,char \*pat)

{

int i,j,start=0;

int lasts=strlen(s)-1;

int lastp=strlen(pat)-1;

int endmatch=lastp;

for (i=0;endmatch<=lasts;endmatch++,start++)

{

if( s[endmatch]==pat[lastp])

{

for (j=0,i=start;j<lastp && s[i]==pat[j];i++,j++);

}

if (j==lastp)

{

return start;

}

}

return -1;

}

void main()

{

char s[100],pat[100];

printf("Enter the String:\n");

gets(s);

printf("Enter the Pattern:\n");

gets(pat);

printf("\nEntered string:\n");

puts(s);

printf("\nEntered Pattern:\n");

puts(pat);

int b=nfind(s,pat);

if (b==-1)

{

printf("\nNot Found\n");

}

else

{

printf("\n%d\n",b);

}

}