```c
/* BruteForce.c */
#include <stdio.h>
#include <stdlib.h>

static int matchA(char *pattern, int lenP, char *text, int lenT)
{
    int i = 0, j = 0;
    while (j < lenP && i < lenT)
    {
        if (pattern[j] == text[i])
        {
            i ++;
            j ++;
        }
        else
        {
            i -= j - 1;
            j = 0;
        }
    }
    return i - j;
}

static int matchB(char *pattern, int lenP, char *text, int lenT)
{
    int i = 0, j;
    for (; i < lenT - lenP + 1; i ++)
    {
        for (j = 0; j < lenP; j ++)
        {
            if (text[i + j] != pattern[j])
            {
                break;
            }
        }
        if (lenP <= j) //完全匹配
        {
            break;
        }
    }
    return i;
}

int main()
{
    int n, m;
    scanf("%d", &n);
    char *A = (char *)malloc(n + 1);
    scanf("%s", A);
    A[n] = '\0';
    scanf("%d", &m);
    char *B = (char *)malloc(m + 1);
    scanf("%s", B);
    B[m] = '\0';
    int res = matchA(A, n, B, m);
    if (res <= m - n)
    {
        printf("match success\n");
    }
    else
    {
        printf("match fail\n");
    }
    free(A);
    free(B);
    return 0;
}
```