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Match Me If You Can

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Problem

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naive string matching.

Set by [PruthvishE](#)

Statistics

Difficulty: Medium

Required Knowledge: strings

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Problem Setter's code :

```
#include<stdio.h>
#include<string.h>
int main()
{
    int t, i, j, k, m, r, l, n, z, p, ans;
    int len[200], lenp[3000];
    char str[200][10], phr[3000][10];
    scanf("%d", &t);
    for(i=0; i<t; i++)
    {
        scanf("%d", &n, &k);
        for(j=0; j<n; j++)
        {
            scanf("%s", str[j]);
            len[j] = strlen(str[j]);
        }
        m=0;
        for(j=0; j<k; j++)
        {
            scanf("%d", &l);
            for(r=0; r<l; r++)
            {
                scanf("%s", phr[m]);
                lenp[m] = strlen(phr[m]);
                m++;
            }
        }
        p=m;
        ans=0;
        for(j=0; j<n; j++)
        {
            for(m=0; m<p; m++)
            {
                if(len[j] == lenp[m])
                {
                    for(z=0; str[j][z] != '\0'; z++)
                    {
                        if(str[j][z] != phr[m][z])
                        {
                            break;
                        }
                    }
                    if(z == len[j])

```

```
        {
            ans=1;
            break;
        }
    }
    if(ans==1)
    {
        printf("YES ");
    }
    else
    {
        printf("NO ");
    }
    ans=0;
}
printf("\n");
}
return 0;
}
```