POJ 3280

```
#include<iostream>
#include<cstdio>
#include<cstring>
#include<cmath>
#include<cstdlib>
using namespace std;
int n,m,ad[26],de[26],f[2005][2005];
char s[2005];
int main()
{
    while(~scanf("%d%d",&n,&m))
    {
        scanf("%s",s);
        for(int i=1;i<=n;i++)
        {
            char c;
            scanf(" %c",&c);
            scanf("%d%d",&ad[c-'a'],&de[c-'a']);
        }
        for(int k=1;k<=m;k++)
        {
            for(int i=0;i<m;i++)
            {
                int j=i+k-1;
                if(k==1)f[i][j]=0;
                else
                {
                    f[i][j]=min(f[i+1][j]+de[s[i]-'a'],f[i][j-1]+de[s[j]-
'a']);
                    f[i][j]=min(f[i][j],f[i+1][j]+ad[s[i]-'a']);
                    f[i][j]=min(f[i][j],f[i][j-1]+ad[s[j]-'a']);
                    if(s[i]==s[j])f[i][j]=min(f[i][j],f[i+1][j-1]);
                }
            }
        }
        printf("%d\n",f[0][m-1]);
    }
    return 0;
}
```