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// Intermediate 5
#include <iostream>
#include <cstring>
#include <algorithm>
using namespace std;

int main()
{
    char a[1000],b[1000],t[1000];
    int i,j,x,y,c,ok=0,s=0,pos2,pos1;
    for(i=1; i<=5; i++)
    {
        cin>>a>>b;
        x=strlen(a);
        y=strlen(b);
        c=min(x,y);
        ok=0;
        while(!ok)
        {
            for(j=0; j<c; j++)
                if(a[j]==b[j])
                {
                    strcpy(a+j,a+j+1);
                    strcpy(b+j,b+j+1);
                    x=strlen(a);
                    y=strlen(b);
                    j--;
                    c=min(x,y);
                }
            ok=1;
            pos1=strlen(a);
            pos2=strlen(b);
            for(j=0; j<c; j++)
                if(a[j]==b[j+1])
                {
                    ok=0;
                    pos2=j;
                    break;
                }
            for(j=0; j<c; j++)
                if(a[j+1]==b[j])
                {
                    ok=0;
                    pos1=j;
                    break;
                }
            if(ok)
                break;
            if(pos1<pos2)
            {
                strcpy(a+pos1, a+pos1+1);
                x=strlen(a);
                c=min(x,y);
            }
        }
    }
}

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        else
        {
            strcpy(b+pos2,b+pos2+1);
            y=strlen(b);
            c=min(x,y);
        }
    }
    c=min(x,y);
    s=0;
    for(j=0; j<c; j++)
        s=s+a[j]-b[j];
    s=s+abs(x-y);
    cout<<i<<" " <<s<<endl;
}

return 0;
}
```