

```

1 // 3n+1
2 #include<stdio.h>
3 int main(){
4     int i,j,n;
5     while (scanf("%d %d",&i,&j) != EOF) {
6         int max=0;
7         printf("%d %d ",i,j);
8         if(i>j){
9             int temp = i;
10            i = j;
11            j = temp;
12        }
13        while(i<=j){
14            n = i;
15            int ans=1;
16            while(n!=1){
17                n = n%2==0 ? n/2 : 3*n+1;
18                ans++;
19            }
20            i++;
21
22            max = ans>max? ans:max;
23        }
24        printf("%d\n",max);
25    }
26    return 0;
27 }
28

```