

```

1 // CONTEST B
2 #include<stdio.h>
3 int main()
4 {
5     int i,j,n;
6     while (scanf("%d %d",&i,&j) != EOF)
7     {
8         int max=0;
9         printf("%d %d ",i,j);
10
11         int temp = i>=j ? i : j;
12         i = i>=j ? j : i;
13         j=temp;
14         while(i<=j)
15         {
16             n = i;
17             int ans=1;
18             while(n!=1)
19             {
20                 n = n%2==0 ? n/2 : 3*n+1;
21                 ans++;
22             }
23             i++;
24             max = ans>max? ans:max;
25         }
26         printf("%d\n",max);
27     }
28     return 0;
29 }
30

```