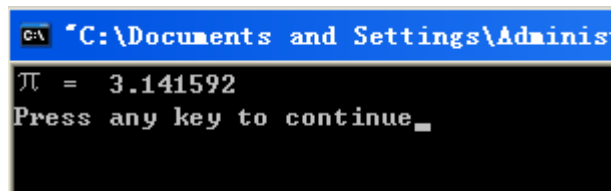


//凯鲁嘎吉 - 博客园 <http://www.cnblogs.com/kailugaji/>

```
1 #include<stdio.h>
2 #include<math.h>
3 void main() {
4     int s=1;
5     double n=1.0, t=1.0, pi=0;
6     while(fabs(t)>1e-7) { //fabs(double), abs(int)
7         pi=pi+t;
8         n=n+2;
9         s=-s; //实现正负交替
10        t=s/n;
11    }
12    pi=pi*4;
13    printf("π =%10.6lf\n", pi);
14 }
```

结果为:



A screenshot of a Windows command prompt window. The title bar is blue and contains the text "C:\Documents and Settings\Adminis". The command prompt itself has a black background with white text. It displays the output of the C program: "π = 3.141592" followed by "Press any key to continue\_".