lab02

```
1  // EE231002, lab02
   Lab02 title?
2  // 108061213,¿¿¿
   // 108061213,¿¿¿
3  // sep. 16. 2019
   Sep. 16?
4
5  #include<stdio.h>                                  //standard io library
   #include <stdio.h>                                  // standard io library
6
7  int main(void)
8  {                                                  //main fuction start
   {                                                  // main fuction start
9      double s;                                      //declare series of S
       double s;                                      // declare series of S
10
11     s = ( 1.0 / ( 2 * 3 * 4 ) ) - ( 1.0 / ( 4 * 5 * 6 ) );
       s = (1.0 / (2 * 3 * 4)) - (1.0 / (4 * 5 * 6));
12                                                    //calculate s2
                                                      // calculate s2
13     printf("PI2 = %.5lf\n", s * 4 + 3 );
       printf("PI2 = %.5lf\n", s * 4 + 3);
14                                                    //output pi2
                                                      // output pi2
15     s += ( 1.0 / ( 6 * 7 * 8 ) ) - ( 1.0 / ( 8 * 9 * 10 ) );
       s += (1.0 / (6 * 7 * 8)) - (1.0 / (8 * 9 * 10));
16                                                    //calculate s4
                                                      // calculate s4
17     printf("PI4 = %.5lf\n", s * 4 + 3 );          //output pi4
       printf("PI4 = %.5lf\n", s * 4 + 3);          // output pi4
18     s += ( 1.0 / ( 10 * 11 * 12 ) ) - ( 1.0 / ( 12 * 13 * 14 ) );
       s += (1.0 / (10 * 11 * 12)) - (1.0 / (12 * 13 * 14));
19                                                    //calculate s6
                                                      // calculate s6
20     printf("PI6 = %.5lf\n", s * 4 + 3 );          //output pi6
       printf("PI6 = %.5lf\n", s * 4 + 3);          // output pi6
21     s += ( 1.0 / ( 14 * 15 * 16 ) ) - ( 1.0 / ( 16 * 17 * 18 ) );
       s += (1.0 / (14 * 15 * 16)) - (1.0 / (16 * 17 * 18));
22                                                    //calculate s8
                                                      // calculate s8
23     printf("PI8 = %.5lf\n", s * 4 + 3 );          //output pi8
       printf("PI8 = %.5lf\n", s * 4 + 3);          // output pi8
24     s += ( 1.0 / ( 18 * 19 * 20 ) ) - ( 1.0 / ( 21 * 22 * 23 ) );
       s += (1.0 / (18 * 19 * 20)) - (1.0 / (21 * 22 * 23));
    A bug here!
25                                                    //calculate s10
                                                      // calculate s10
26     printf("PI10 = %.5lf\n", s * 4 + 3 );         //output pi10
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        printf("PI10 = %.5lf\n", s * 4 + 3);       // output pi10
27      s += ( 1.0 / ( 23 * 24 * 25 ) ) - ( 1.0 / ( 25 * 26 * 27 ) );
        s += (1.0 / (23 * 24 * 25)) - (1.0 / (25 * 26 * 27));
28                                                  //calculate s12
                                                    // calculate s12
29      printf("PI12 = %.5lf\n", s * 4 + 3 );       //output pi12
        printf("PI12 = %.5lf\n", s * 4 + 3);       // output pi12
30      return 0;
31  }                                               //mainfunction end
    }                                               // mainfunction end
```

[Format] can be improved.
[Coding] lab02.c spelling errors: fuction(1)
[Output] for PI10 and PI12 are incorrect.

Score: 56