

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Challenge_Loops_1
8 {
9     class Program
10    {
11        public static void Main(string[] args)
12        {
13            string input = "0";
14            int count = 0;
15            int total = 0;
16            int currentNumber = 0;
17
18            while(input != "-1")
19            {
20                Console.WriteLine("Last number was {0}", currentNumber);
21                Console.WriteLine("The current total is {0}", total);
22                Console.WriteLine("Current amount of entries {0}", count);
23                Console.WriteLine("Please enter the next score");
24                Console.WriteLine("Type -1 when you have finished");
25
26                input = Console.ReadLine();
27                if(input == "-1")
28                {
29                    Console.WriteLine("=====");
30                    // Calculate Average and let the teacher know
31                    double average = (double)total / (double)count;
32                    Console.WriteLine("The average is {0}", average);
33                }
34
35                if(int.TryParse(input, out currentNumber) && currentNumber > 0 && currentNumber < 21)
36                {
37                    total += currentNumber;
38                }
39
40                else
41                {
42                    if (!(input.Equals("-1")))
43                    {
44                        Console.WriteLine("Please enter a value between 1 and 20");
45                    }
46                    continue;
47                }
48                count++;
49            }
50
51            Console.Read();
52
53
54
55
56
57
58
59            Console.Read();
60        }
61    }
62 }
```