

Lab5_Screenshot

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Ex1

```

Lab5_Code > g++ Ex1.cpp > main()
1  #include <iostream>
2  #define BREAKSIGNAL 0
3  using namespace std;
4
5  int main()
6  {
7      int number = 0, sum = 0;
8      do
9      {
10         cout << "Enter an integer number: ";
11         cin >> number;
12         sum += number;
13         cout << "The cumulative sum of the entries to date is: " << sum << endl;
14     } while (number != BREAKSIGNAL);
15
16     return 0;
17 }

```

问题 输出 调试控制台 终端

```

ericchen@EricdeMacBook-Air Lab5_Code % cd "/User
s/ericchen/Desktop/cppLab/Lab5/Lab5_Code/" && g+
++ Ex1.cpp -o Ex1 && "/Users/ericchen/Desktop/cpp
Lab/Lab5/Lab5_Code/"Ex1
Enter an integer number: 3
The cumulative sum of the entries to date is: 3
Enter an integer number: 8
The cumulative sum of the entries to date is: 11
Enter an integer number: 21
The cumulative sum of the entries to date is: 32
Enter an integer number: 46
The cumulative sum of the entries to date is: 78
Enter an integer number: 0
The cumulative sum of the entries to date is: 78
ericchen@EricdeMacBook-Air Lab5_Code %

```

文件 (Lab5)

Ex2

```
Lab5_Code > Ex2.cpp > main()
17     cin.get(word[i]);
18 }
19 word[i] = '\0';
20 //把在最后输入的空格或者回车去掉，否则输入的是“done+空格或换行”而不是“done”
21 // cout << word;
22 while (strcmp(word, "done"))
23 {
24     words++;
25     int i = 0;
26     cin.get(word[i]);
27     //将单词之间多余的空格和回车去掉
28     while ((int(word[i]) == int(' ')) || (int(word[i]) == int('\n')))
29     {
30         word[i] = '\0';
31         cin.get(word[i]);
32     }
```

问题 输出 调试控制台 终端

```
ericchen@EricdeMacBook-Air Lab5_Code % cd "/Users/ericchen/Desktop/cppLab/Lab5/Lab5_Code/" && g++ Ex2.cpp -o Ex2 && "/Users/ericchen/Desktop/cppLab/Lab5/Lab5_Code/"Ex2
Enter words (to stop,type the word done):
one two three four five
always happy with done for sure done
You entered a total of 8 words.
ericchen@EricdeMacBook-Air Lab5_Code %
```

zsh
Code L...

0 0 0 行 15, 列 6 空格: 4 UTF-8 LF C++ Mac

Ex3

```
Lab5_Code > Ex3.cpp > main()
31     numV++;
32 }
33 }
34 for (int i = 0; i < CN; i++)
35 {
```

```

35
36         if (x == consonants[i])
37         {
38             numC++;
39         }
40     }
41 }
42 else
43     numE++;
44
45 }
46 cout << numV << " words beginning with vowels" << endl;

```

问题 输出 调试控制台 终端

```

ericchen@EricdeMacBook-Air Lab5_Code % cd "/Users/ericchen/Desktop/cppLab/Lab5/Lab5_Code/" && g++ Ex3.cpp -o Ex3 && "/Users/ericchen/Desktop/cppLab/Lab5/Lab5_Code/"Ex3
Enter words (q to quit):
The 12 universities ocean ambled
quietly Example 15 meters of lawn. q
5 words beginning with vowels
4 words beginning with consonants
2 others
ericchen@EricdeMacBook-Air Lab5_Code %

```

+ v ^ x

> zsh

> Code L...

行 43, 列 20 空格: 4 UTF-8 LF C++ Mac

Ex4


```

Lab5_Code > g++ Ex4.cpp > main()
12     string input;
13     ofstream myfile1;
14     myfile1.open("file1.txt");
15     if (myfile1.is_open())    //Check if open co
16     {
17         cout << "Please input a string: ";
18         //Write in sentences
19         getline(cin,input);
20         myfile1 << input << endl;
21         cout << input << endl;
22         myfile1.close(); //Close the file
23     }
24     else
25     {
26         cout << "Fail to open the file1\n";

```

问题 输出 调试控制台 终端

```

ericchen@EricdeMacBook-Air Lab5_Code % cd "/User
s/ericchen/Desktop/cppLab/Lab5/Lab5_Code/" && g+
+ Ex4.cpp -o Ex4 && "/Users/ericchen/Desktop/cpp
Lab/Lab5/Lab5_Code/"Ex4
Please input a string: Hi! I am Candy, 18 years
old.
Hi! I am Candy, 18 years old.
HI! I AM CANDY, 18 YEARS OLD.
ericchen@EricdeMacBook-Air Lab5_Code %

```

+ v ^ x

[>] zsh

[>] Code L...

行 19, 列 28 空格: 4 UTF-8 LF C++ Mac  