Lab4_Screenshot

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Ex1

```cpp
int main()
{
    PizzaInf pizza;
    cout << "Enter the name of pizza company: ";
    cin.get(pizza.Com_Name,20);
    cout << "Enter the diameter of pizza: ";
    cin >> pizza.diameter;
    cout << "Enter the weight of pizza: ";
    cin >> pizza.weight;
```

问题　　输出　　调试控制台　　**终端**　　　　　　　[>] Code ＋ ∨ ▭ 🗑 ∧ ✕

```
ericchen@EricdeMacBook-Air lab_4_code % cd "/Users/ericchen/De
sktop/cppLab/Lab4/lab_4_code/" && g++ Ex1pizza.cpp -o Ex1pizza
 && "/Users/ericchen/Desktop/cppLab/Lab4/lab_4_code/"Ex1pizza
Enter the name of pizza company: Pizza Hot
Enter the diameter of pizza: 10
Enter the weight of pizza: 452.5
Displaying the information of pizza
Company name: Pizza Hot
Pizza diameter: 10 inches
Pizza weight: 452.5 g
ericchen@EricdeMacBook-Air lab_4_code % ▮
```

行 15，列 32　　空格: 4　　UTF-8　　LF　　C++　　Mac

Ex2

```cpp
25        cout << "Enter the calories: ";
26        cin >> CandyBarArray[i].calories;
27        cin.get();
28        //cin.clear();
29        // 恢复cin正常状态，两个一起使用
30        //cin.sync();    //清除缓冲区
31        //cin.clear();  //清除错误状态
32    }
33
34
35        cout << "\nDisplay the CandyBar array contents" << endl;
36        for(int i = 0; i < 3; i++)
37        {
38        cout << "Brand name: " << CandyBarArray[i].name << endl;
39        cout << "Weight: " << CandyBarArray[i].weight << endl;
40        cout << "Canlories: " << CandyBarArray[i].calories << endl;
41        }
42
```

问题   输出   调试控制台   终端   [>] Code +∨ ▯ 🗑 ∧ ✕

```
ericchen@EricdeMacBook-Air lab_4_code % cd "/Users/ericchen/Desktop/cppLab/Lab4/lab_4_
code/" && g++ Ex2CandyBar.cpp -o Ex2CandyBar && "/Users/ericchen/Desktop/cppLab/Lab4/l
ab_4_code/"Ex2CandyBar
Please input three CandyBar's information:
Enter the brand name of candy bar: Ferro Rocher
Enter the weight: 23.6
Enter the calories: 893
Enter the brand name of candy bar: Hershey's
Enter the weight: 13.2
Enter the calories: 658
Enter the brand name of candy bar: Mars Wrigley
Enter the weight: 3.2
Enter the calories: 327

Display the CandyBar array contents
Brand name: Ferro Rocher
Weight: 23.6
Canlories: 893
Brand name: Hershey's
Weight: 13.2
Canlories: 658
Brand name: Mars Wrigley
Weight: 3.2
Canlories: 327
ericchen@EricdeMacBook-Air lab_4_code % ▮
```

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Ex3

```c
1    #include <stdio.h>
2
3    void reverse(int *element, int num)
4    {
5        int t;
```

```c
    for (int i = 0; i < num/2; i++)
    {
        t=*(element+i);
        *(element+i)=*(element+num-i-1);
        *(element+num-i-1)=t;
    }
}
int main()
{
    int *tmp;
    int array[5];
    printf("Enter 5 integers:\n");

    for (int i = 0; i < 5; i++)
    {
```