


```
        formula_weight = formula_weight + element_weight[element[0]] *
int(element[1])
    if not error:
        print(formula_weight)
    error = False
    print("finishing calculated formula weight!")
```

4. 实验测试

在终端输入即可运行：

```
pip install -r requirements.txt
python level1.py
```

当输入 C_6H_6 , $C_2H_4O_2$, C_2H_6ON 时：

```
"D:\PyCharm Community Edition 2021.1.3\python_homework\venv\Scripts\python.exe" "D:/PyCharm Community Edition 2021.1
.3/python_homework/Level1.py"
please input a chemical formula(quit or q to exit):
C6H6
78
please input a chemical formula(quit or q to exit):
C2H4O2
60
please input a chemical formula(quit or q to exit):
C2H6ON
60
please input a chemical formula(quit or q to exit):
```

当输入错误分子式或退出信息时：

```
"D:\PyCharm Community Edition 2021.1.3\python_homework\venv\Scripts\python.exe" "D:/PyCharm Community Edition 2021.1
.3/python_homework/Level1.py"
please input a chemical formula(quit or q to exit):
C6H6
78
please input a chemical formula(quit or q to exit):
C7H8L9
please input a correct chemical formula!
please input a chemical formula(quit or q to exit):
q
finishing calculated formula weight!

进程已结束，退出代码为 0
```