# Apriori算法

```
Apriori(filename, min_support, item_start, item_end)
```

## 参数说明

- filename:(路径)文件名
- min_support:最小支持度
- item_start:item起始位置
- item_end:item结束位置

## Example

```python
import apriori
c = apriori.Apriori('basket.txt', 11, 3, 13)
```

输出

```
--------------------------------------------------------------------------------
The 1 loop
location [[0], [1], [2], [3], [4], [5], [6], [7], [8], [9], [10]]
support [299, 183, 177, 303, 204, 302, 293, 287, 184, 292, 276]
num [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
The 2 loop
location [[0, 9], [3, 5], [3, 6], [5, 6], [7, 10]]
support [145, 173, 167, 170, 144]
num [0, 3, 5, 6, 7, 9, 10]
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
The 3 loop
location [[3, 5, 6]]
support [146]
num [3, 5, 6]
--------------------------------------------------------------------------------
frozenmeal,beer ->> cannedveg  min_support:  14.6%  min_confidence: 0.858823529412
cannedveg,beer ->> frozenmeal  min_support:  14.6%  min_confidence: 0.874251497006
cannedveg,frozenmeal ->> beer  min_support:  14.6%  min_confidence: 0.843930635838
--------------------------------------------------------------------------------
```