



Fig. 1 Pub-Sub Network with a Proxy

Test case:

```
topic_array = ['weather', 'game', 'food', 'tv', 'shopping']
```

First step: run “python broker.py”

Second step: run “python publisher.py topicIndex”. If you set the topicIndex is one which means you create a publisher with the topic game and it keeps sending the topic to the broker. You can create different publishers with different topic indexes. These publishers will register to the broker automatically.

Third step: run “python subscriber.py topicIndex”. If you set the topicIndex is one which means you create a subscriber who is interested in the topic game and it keeps receiving the topic from the broker. You can create different subscribers with different topic indexes. These subscribers will register to the broker automatically.