

Instructions for compiling and running the Python source code:

1. Install Python 3.5 or later on your computer, if it is not already installed.
2. Save the source code as a file with the name "apriori.py" in a folder of your choice.
3. Create an input file in the format specified in the requirements section, and save it in the same folder as the source code. The input file name should be specified as the second command-line argument when running the program.
4. Open a terminal or command prompt, navigate to the folder where the source code and input file are located, and run the following command:

```
python apriori.py <minimum support> <input file> <output file>
```

Replace <minimum support>, <input file>, and <output file> with the desired values. For example:

```
python apriori.py 5 input.txt output.txt
```

This will generate an output file in the format specified in the requirements section, with the name "output.txt" in the same folder as the source code.

Python version used for developing the code: Python 3.8.10