For Windows OS and Linux (e.g. Ubuntu,...):

Step 1: Download the Algorithms.rar file from the link and extract it

Step 2:

+ For Windows: Go to the windows start menu and open the **Command Prompt application**.

+ For Linux: Open **Terminal application**

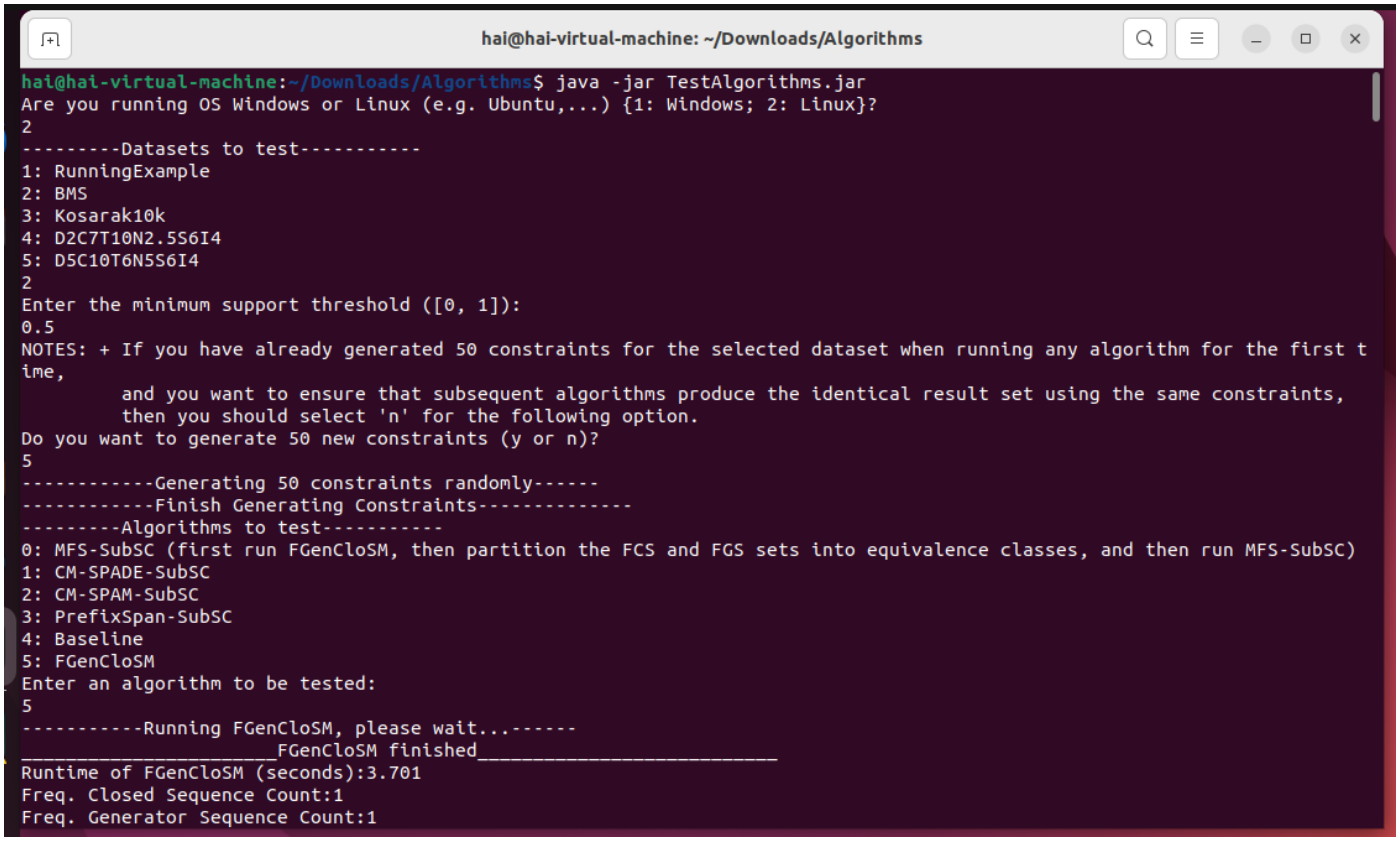
Step 3: Go to the extracted Algorithms folder and type the following command:

java -jar TestAlgorithms.jar

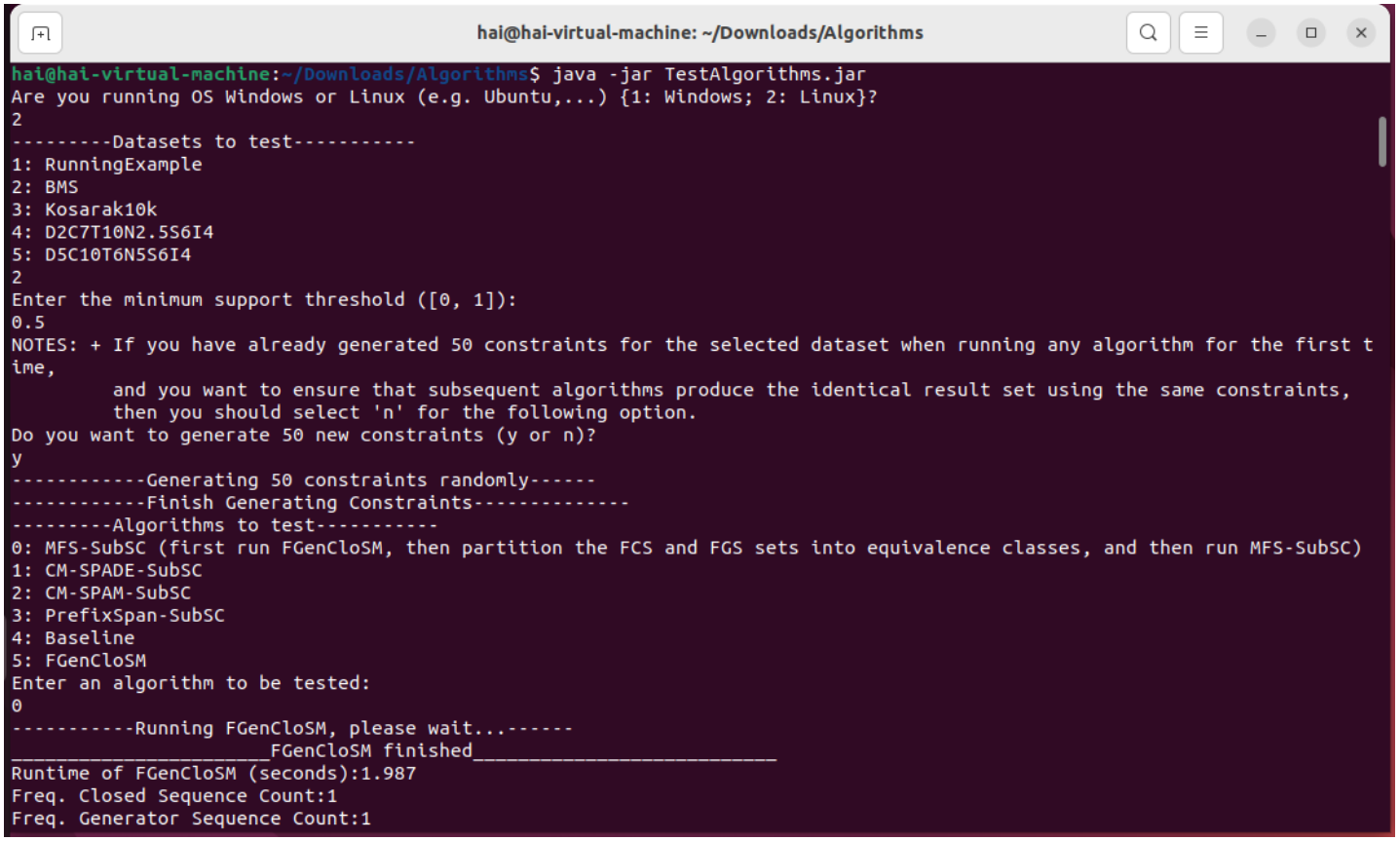
Notes: To run the program for the low values of $minsup$ on datasets (e.g. $minsup \leq 0.059\%$ on the BMS dataset,...), you should make sure that the heap memory of the program is at least 12GB.

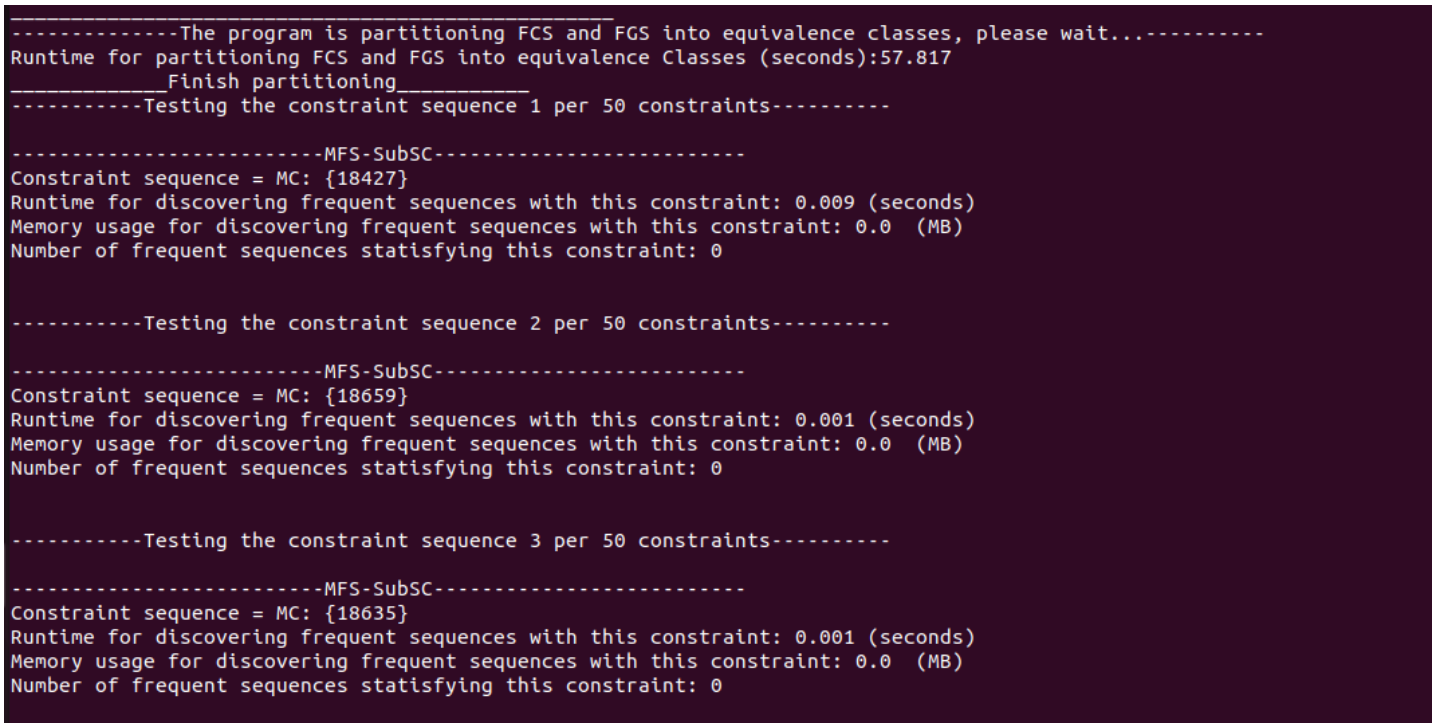
Below are two examples to show how to run the program:

1) The first example of running the program on **OS Ubuntu 22** as follows:



2) The second example of running the program on **OS Ubuntu 22** as follows:





.....

```
----------Testing the constraint sequence 49 per 50 constraints----------

-------------------------MFS-SubSC-------------------------
Constraint sequence = MC: {12743}
Runtime for discovering frequent sequences with this constraint: 0.001 (seconds)
Memory usage for discovering frequent sequences with this constraint: 0.0  (MB)
Number of frequent sequences statisfying this constraint: 0


----------Testing the constraint sequence 50 per 50 constraints----------

-------------------------MFS-SubSC-------------------------
Constraint sequence = MC: {12603}
Runtime for discovering frequent sequences with this constraint: 0.0 (seconds)
Memory usage for discovering frequent sequences with this constraint: 0.0  (MB)
Number of frequent sequences statisfying this constraint: 0


----------Statistical information for 50 constraint sequences--------------
(a) Dataset             (b) Algorithm          (c) Total Runtime (second)       (d) Average Runtime (second)    (e) Peak Memory (M
B)

(a) BMS                 (b)FGenCloSM + Partition + MFS-SubSC    (c) 59.865     (d) 1.197               (e) 0.0

Press any key to finish
```