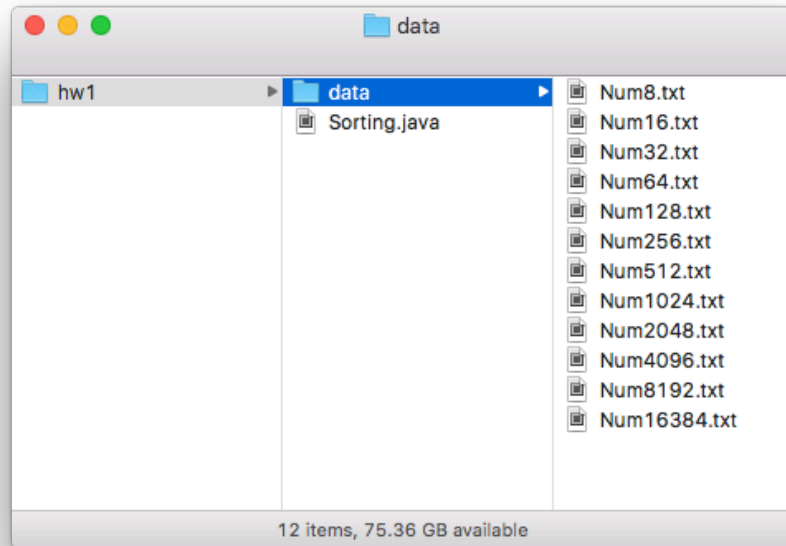


This program has been compiled and run using java version 1.7. To test it just follow the following three steps.

1) Unzip the “hw1.zip” file and open a Terminal window in the root of that unzipped folder.

a) Unzipping ‘hw1.zip’ will create the ‘hw1’ folder with the following content:



b) Open a Terminal / Command Window in the root of that folder:

```
hw1 — -bash — 107x18
[Javiers-MacBook-Pro-2:Desktop javier$ cd /Users/javier/Desktop/hw1
[Javiers-MacBook-Pro-2:hw1 javier$ pwd
/Users/javier/Desktop/hw1
[Javiers-MacBook-Pro-2:hw1 javier$ ls -l
total 24
-rw-r--r--@ 1 javier  staff  12066 Mar 16 16:50 Sorting.java
drwxr-xr-x@ 15 javier  staff   510 Mar 20 11:08 data
[Javiers-MacBook-Pro-2:hw1 javier$
```

2) Compile the code

Run the following command to compile the code:

```
javac Sorting.java
```

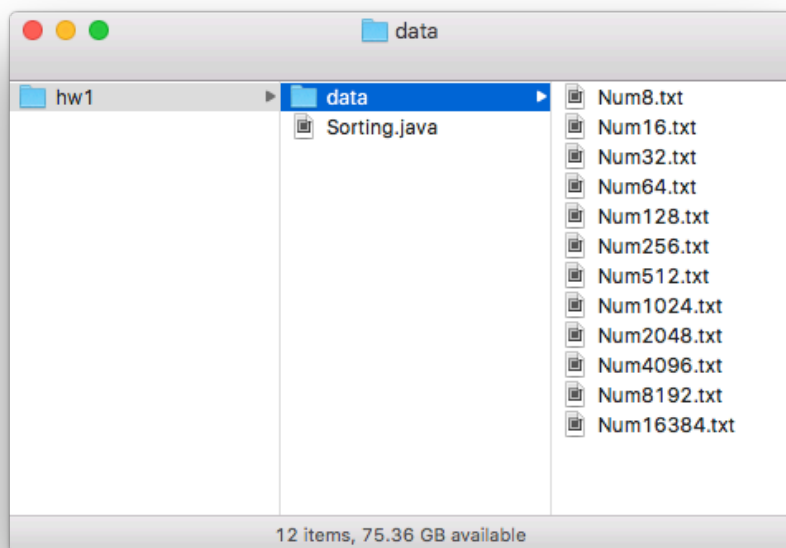
This should create the file:



Sorting.class

3) Run the code

This assumes that a folder named **data** exists in the same hierarchic level as the “Sorting.java” file. This folder should contain the files “Num8.txt, Num16.txt, ... Num16384.txt” (with those specific names) which contain the data to be sorted.



a) Run the command

```
java Sorting
```

This should produce 48 new files containing the **results** of running the four sorting algorithms on the 12 datasets. After executing this command, the program should produce the following:

