# IsAHeap (7 marks) -> will be scaled to equal to other homeworks.

* Don’t forget to set your Eclipse workspace and working set.
* **You must submit the JAR file, exported (with source code), from your Eclipse project.**
* **You must check your JAR file to make sure all the source files (.java files) are present. It can be opened with file compression programs such as 7-zip or Winrar.**
* **Failure to export properly will result in your work not getting marked.**

**To submit:**

* **Export your project to a JAR file, with source code.**
* **Name your JAR file ID\_Week14\_Q2.jar. For example, 6623110021\_Week14\_Q2.jar**
* **Submit the JAR file on MyCourseville.**

(7 marks) You are given classes for a min Heap of integers (small values are more important than large values). Your task is to write method

**public** **static** **boolean** isAHeap(Heap h) of class Heap

This method is a static method. It returns true if a given heap actually follows minheap definition. Otherwise, it returns false.

* JUnit test cases are provided. Please look at the test cases for more clarifications. Your test cases are slightly different from the markers’ test cases.
* Only modify Heap.java. Do not add any other files. Otherwise, the grader will not mark your code.