Min-Heap

Jojo is a data structure student, he was assigned to create a simple program that implemented the **Min-Heap concept**. Please help Jojo to create Min-Heap using **Array**. When the program runs, it will display all the data on Min-Heap, the data will be printed sequentially from first data until end of the data, but there is a **new line for every level**.

The program will **always receive an integer input**. The integer input will insert the data to Min-Heap. If the input is **root**, then do **delete-min**. If the input is **non-root,** then **print the wrong number message**, **0 for exit the program**. For **every input**, print the activity **add/ delete-min / wrong number**.

**INPUT**

The input would be an **integer**. 0 for exit the program.

**OUTPUT**

Print all the elements on Min-Heap, if the data is **empty** then print “-- there is no data --”. Print the activity **add/ delete-min/ wrong number**.

Please check Figure below to see the example.

