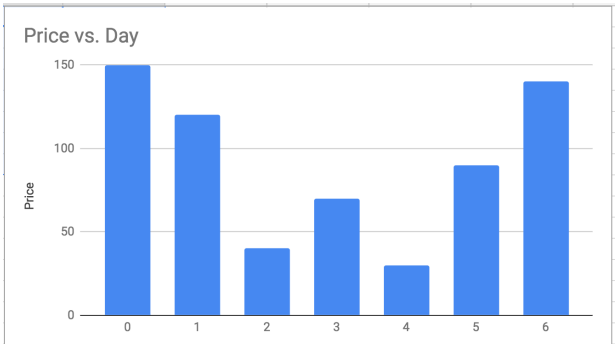
Practical 02 Specification – A Hand-on Exercise to solve Time Series problem using Stack
credit/no-credit
Due (via your git repo) no later than 8 a.m., Monday, 15th March 2021.

Exercise to solve Time Series problem using Stack ADT



1. For simplicity, a starter code using a file named `tsa1.xml` is provided in the practical repository. The starter code has the solution to the example outlined below and similar to the one in the lecture slides.

   example:

8	6	3	4	2	5	7

2. Make edits to the `tsa2.xml` file to include the solution for the dataset provided below.

   problem1:

1	2	3	4	5	6	7	8

3. Make edits to the `tsa3.xml` file to include the solution for the dataset provided below.

   problem2:

8	7	6	5	4	3	2	1

4. **Optional:** Create a new copy of `tsa3.xml` and name the file as `tsa4.xml`. Make edits to the new file named `tsa4.xml` file to include the solution for the dataset provided below.

   problem4:

4	5	7	3	2	1	6	8

5. Make edits to the honor-code.txt file. Here, read through the honor code statement and sign by replacing Student Name with your name. The honor-code is required to be signed for the work to be graded.

Submission Details

For this practical, please submit the following to your GitHub repository by using the link shared to you by the Professor:

1. "tsa2.xml" and "tsa3.xml" xml files.
2. "tsa4.xml" is optional.
3. A document with the honor code pledge signed in a file named "honor-code.txt" document.
4. It is highly important, for you to meet the honor code standards provided by the college and to ensure that the submission is completed before the deadline. The honor code policy can be accessed through the course syllabus.