SANS2021-22-HW2

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1 Introduction

Upload the python code and the data files that you find in the raco (if you use Spyder as python platform). Otherwise, if you use iPython notebook download the code at:

`https://github.com/dynamicslab/databook_python/blob/master/CH01/CH01_SEC06_1.ipynb`

and:

`https://github.com/dynamicslab/databook_python/blob/master/CH01/CH01_SEC06_2_3_4.ipynb`,

Execute the code and try to understand how it is programmed (you do not need to get all the details, rather get a general idea of how it works). The code execution takes quite a lot of time, so be patient.

The code is integrated into a single program, but it may be easier to understand and execute if you split it into several files.

It is suggested that you take a look at these videos:

`https://www.youtube.com/watchv=ofWji_wQBEE&list=PLMrJAkhIeNNSVjnsviglFoY2nXildDCcv&index=31`

`https://www.youtube.com/watchv=yYdYrAKghF4&list=PLMrJAkhIeNNSVjnsviglFoY2nXildDCcv&index=32`

`https://www.youtube.com/watchv=SsNXg6KpLSU&list=PLMrJAkhIeNNSVjnsviglFoY2nXildDCcv&index=33`

2 TODOs

Write a short document where you explain the how the different images that are obtained from the execution of the file are obtained. During the presentation of the HW It is expected that you will be able to explain how these figures were obtained.