Handson Day2:

Part1: DE analysis based on DESeq2

1. R based differential analysis [Try get the example code to work]
2. Then you need to find a question you are interested in from public database [Based on RNA-Seq data]
3. And perform Differential expression analysis on the dataset you selected.[If you can not find one, you can try the data from GEO: GSE92572 or GSE135220]
4. Then try to perform geneset enrichment analysis on MSigDB and see if you can say something about the DE genes

Part2: GSEA based on Java

1. Try to run the GSEA locally and interpret the results