

14 Project 14

- **Deadline: 04.03.2020, 23:59 (extended!)**
- All files need to be available through your GIT repository, in the directory "Project 14".
- You can work in teams up to 3 people. Please state in the report the group member names.
- If your code is in python, I must be able to run your code within a Google Colab notebook. If your code is not in Python or R, you must provide a manual how to compile and run it on a Linux machine.

14.1 Suffix Arrays

In order to get a better understanding of Suffix Arrays, you are supposed to read the following text and solve two of the described contest problems: <http://web.stanford.edu/class/cs97si/suffix-array.pdf> . One of the two problems must be from Problem 7-10.

14.2 Deliverables

You need to upload all source codes and a report to your GIT repository.

- The report should be about 100-1000 words in length.
- The report must be delivered in PDF format using the BMC template (including the abstract as defined in project 5).
- The following sections must be present (you can add more if needed):
 - Problem A
Briefly describe the first problem you have chosen to solve and how you solved it.
 - Problem A - Example
Show that your solution works using an example that you solve using your code.
 - Problem B
Briefly describe the second problem you have chosen to solve and how you solved it.
 - Problem B - Example
Show that your solution works using an example that you solve using your code.