

Task13

Nawar Saeed

Artificial Intelligence for the Web, VT21
DT506A

16 april 2021

This task is about computing the amount of space needed for storing the index uncompressed as integers. It is also about gap encoding the inverted list after sorting it and then computing the space needed for storing the index compressed. For this, the Elias-gamma method has been used as for this purpose, see line 59 in Task13.py. The code is documented and I think it is possible to follow the ad that happens by reading the comment, so feel free to check out Task13.py if something is not clear