

LU04.A02 - Determine memory requirements

Initial situation

Determine the memory requirement in the following situations. In general, the technical interpretation applies, i.e. 1KB = 1000 bytes and 1 byte = 8 bits.

Task

1. How many books can be stored on a 1TB hard drive if 300 pages of 60 lines with 65 letters each are assumed per book? (Letters/numbers are coded with ASCII. Round the result down to whole books)
2. Assume a person lives for 65 years. Determine the memory requirement for his entire life if he has a visual performance of 1.3 GB per hour and sees 17 hours/day. (1 year has 365 days. Round the result correctly to whole TB)

General conditions

What	Description
Product:	Your answers are written.
Time:	20 min.
Social form:	Individual and group work
Work equipment:	Office or paper/writing utensils, script

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