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Assignment 6

Container rental – A company rents out containers and a program that calculates the income, volume and longest rental period must be made.

Lecturer: Rob Loves

Problem Definition

A container company rents containers there is 40 € rent per day per m3 at the end of the period the containers need to be taken away which cost 60 € if the volume of the container is less than or equal to 2 m3, else it will cost 125 €.

The user must only have to input for each container:

* The volume in form of a positive double
* The start date as a string and written in the form of ddmmyyyy
* The end date as a string in the form of ddmmyyyy

For how many containers they want to rent. The program will have to output:

* The total cost of the containers for the rented period
* The total income of all the rented containers
* The average volume of containers rented
* The longest rental period

GUI

-Insert Container Page

Graphical user interface

Description automatically generated

-View Rental Page

Table

Description automatically generated

-Statistics Page

Text

Description automatically generated

-About Page

A picture containing diagram

Description automatically generated