**LABORATORY**

Microcontrollers

LAB 4

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| **NAME** | KELVIN MAKAKA |
| **MATRICULATION NUMBER** | 26219 |
| **STUDY COURSE** | MECHATRONIC SYSTEMS ENGINEERING |
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Task 1.

* Define the address of the RTC chip as 0xD0 to enable data exchange the microcontroller and the RTC module.
* Insert operation that converts Binary Code Decimal into Binary in the *ds1307\_decodeBcd()* function.
* Enable data reading in ds1307\_getTime() function from the minute to year.
* In *ds1307\_SetToDefaultTime()* function the function *ds1307\_setTime();* is called to set the predefined start time.
* In the main the current time/date is displayed by calling *display\_showtime();* function.