**Task description**

Please complete the following tasks:

1. Create public Git-Repository with initial code structure that is attached
2. Create branch that contains the following feature & merge after completion
   * Read voltage from simulated peripheral register (adc0\_register) and convert according to the given data:
     + ADC Input range: 0V - 5V
     + Tank:
       - 10m deep
       - 5V = Tank is full
       - 0V = Tank is empty
   * Exit when Tank is below 15 % level
   * Important: ADC value is only sampled when *intr\_status* is triggered
3. Use build structure of your own choice to build a executable (preferable make or cmake)
4. Share link to Git-Repository and feel free to add read.me or comments in code