CSE 421 Assignment 1 Report

Can Yılmaz - Ceyda Erdem

Question 1

We used three functions for this question: adc_init(), adc_get_raw_value(), convert_to_celsius().

With adc_init(), we initialize and configure the board's internal temperature sensor so we can read temperature values. With adc_get_raw_value(), we can get a raw temperature value, then we can convert that raw value to celsius using the convert_to_celsius() function. The for loop runs 10 times and prints the celsius values onto the board's screen.

To be able to print our temperature values to the board's screen, we installed the Board Support Package (BSP) to our project.