```c
/*
* Title: pwm.h
* Author: Noah Rowbotham
* Date: Feb. 25th, 2020
* Lab: ENEL 387-091
*/

#include "stm32f10x.h"

void initTIM1(uint32_t divider, uint32_t reload_val, uint32_t cmp_val);

void updatePWM(uint32_t update_val);
```