```
// Project: Keil Labs and Project
// File: wheels.c
// Class: ENEL 351 Lab Works
// Programmer: Amandip Padda
// SID: 200455829
// Description: The project is based on the STM32F103RB that is being used in ENEL 351 Labs.
// It will also be used in the Project related to input and output of various sensors.
//
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#include "stm32f10x.h"
#include "header.h"
void leftForward()
{
   GPIOA->ODR |= GPIO_ODR_ODR8;
}
void leftReverse()
{
   GPIOA->ODR |= GPIO_ODR_ODR9;
```

```
}
void leftStop()
{
  GPIOA->ODR &= ~GPIO_ODR_ODR8;
  GPIOA->ODR &= ~GPIO_ODR_ODR9;
}
void rightForward()
{
  GPIOA->ODR |= GPIO_ODR_ODR10;
}
void rightReverse()
{
  GPIOA->ODR |= GPIO_ODR_ODR11;
}
void rightStop()
{
  GPIOA->ODR &= ~GPIO_ODR_ODR10;
  GPIOA->ODR &= ~GPIO_ODR_ODR11;
}
```

```
void completeGoForward()
     leftForward();
     rightForward();
}
void completeStop()
{
     leftStop();
     rightStop();
}
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```