```cpp
// Include the Shield library to your Arduino project
#include "TLE9879_Group.h"

// Declare Shield group object
TLE9879_Group *shields;
float shunt;

void setup()
{
  // Initialize the Shield group object with the
  // number of Shields in the stack
  shields = new TLE9879_Group(1);

  // Set the desired mode (FOC, HALL, BEMF)
  shields->setMode(HALL);

  // Set the desired motor speed (RPM)
  shields->setMotorSpeed(100);

  /*
  You might have to adjust the motor parameters,
  in case the motor does not run properly.
  */

  // Enable and set LED to green, start the motor and let it run for 15 seconds,
  // then stop the motor
  shields->setLed(LED_ON, BOARD1);
  shields->setLedColor(COLOR_GREEN, BOARD1);
  shields->setMotorMode(START_MOTOR);
  delay(5000);
```

```
  shields->setLed(LED_ON, BOARD1);

  shields->setLedColor(COLOR_RED, BOARD1);


  shields->setMotorMode(STOP_MOTOR);
}


void loop()
{
}
```