```cpp
// connect motor controller pins to Arduino digital pins
// motor one
int enB = 10;
int in3 = 9;
int in4 = 8;

void setup()
{
  // set all the motor control pins to outputs
  pinMode(enB, OUTPUT);

  pinMode(in3, OUTPUT);
  pinMode(in4, OUTPUT);
  digitalWrite(in3, LOW);
  digitalWrite(in4, HIGH);

}
void loop()
{
  // this function will run the motors in both directions at a fixed speed
  // turn on motor A
  digitalWrite(in3, HIGH);
  digitalWrite(in4, LOW);
  analogWrite(enB, 150);
  delay(2000);

  // now change motor directions
  digitalWrite(in3, LOW);
```

```
  digitalWrite(in4, HIGH);

   analogWrite(enB, 150);



  delay(2000);

  // now turn off motors

  digitalWrite(in3, LOW);

  digitalWrite(in4, LOW);


}
```