```
int RelaySAR = 11;
int count;
int RelayWheel = 10      ;
void setup() {
  // Set RelayPin as an output
pin
  Serial.begin(9600);
  pinMode(RelayWheel, OUTPUT);
  pinMode(RelaySAR, OUTPUT);
  digitalWrite(RelayWheel,
LOW);
  digitalWrite(RelaySAR, LOW);
}

void loop() {
  // Let's turn on the relay...
  digitalWrite(RelayWheel,
HIGH);
```

```
  digitalWrite(RelaySAR, HIGH);
  Serial.println("starting");
  delay(15000);
  //Pausing to get everything
out of the way
  digitalWrite(RelayWheel,
LOW);
  Serial.println("running");
  delay(11250);
  //run for 11.25 seconds
  Serial.println("stopping");
  //digitalWrite(RelayPin,
LOW);

  for (int i = 0; i <= 45;
i++) {
    count = count + 1;
    digitalWrite(RelayWheel,
```

```
HIGH);
    delay(500);
    //stabilizing
    digitalWrite(RelaySAR,
LOW);
    Serial.println("taking the
picture");
    delay(1500);
    //move car to next position
    digitalWrite(RelaySAR,
HIGH);
    digitalWrite(RelayWheel,
LOW);
    Serial.println(count);
    delay(1525);
  }

  digitalWrite(RelayWheel,
```

```
LOW);
  digitalWrite(RelaySAR, HIGH);
  Serial.println("Going after
the delay");
  delay(11000);
  digitalWrite(RelayWheel,
HIGH);
}
```