# Scratch logo and symbol, meaning, history, PNG

**Scratch Driver**

A video game screen of a car driving down a road with flowers

Description automatically generated with low confidence

Register/login at <https://scratch.mit.edu>

*Create 3D perspective by changing size.*

*The backdrop is an animated road image:*

1. A screenshot of a computer

   Description automatically generated with low confidenceDownload the animated road from:  
   <https://codeclub67.github.io/images/road.gif>
2. In the stage area **upload backdrop** road.gif from where you downloaded it.
3. Animate the stage by adding code that cycles through the backdrops (6 images).
4. A screenshot of a computer screen

   Description automatically generated with low confidenceDownload car images from:   
   <https://codeclub67.github.io/images/driver.gif>
5. Create and **Upload Sprite** driver.gif to make a car and resize it to 80%.
6. Place the car near the bottom of the screen and add code to move it left and right.

A screenshot of a computer

Description automatically generated with low confidence*As the car moves up the screen it needs to get smaller to make it look further away.*

1. Add code that changes the size depending on its vertical **y** position.   
   It vanishes at the horizon where y=-65.

A screenshot of a computer

Description automatically generated with low confidence*Move the car to different positions to see how it works.*

1. A screenshot of a computer

   Description automatically generated with low confidenceThe road converges at the vanishing point at x=0, y=-65. When you press the up arrow, the car drives towards the vanishing point – then vanishes!
2. We can get the car back by resetting it when we press *the* ***green flag***. Thiscodeswitches to the first costume, moves it to the bottom of the screen, then shows it.

*Add another car.*

1. Create another sprite, driver2, and **upload sprite** images driver.gif again.
2. A picture containing text, screenshot, font, logo

   Description automatically generatedSelect the third costume, a white car, and resize to 30%
3. Add this code to the new car to make it veer randomly across the road.

*A screenshot of a computer

Description automatically generated with low confidenceCan you overtake the second car? What if they collide?*

1. Add more code to the first car, after we **show** it. When they touch, if we haven’t overtaken it (at y=-90) then switch to the explosion costume, wait and hide.***Save*** *your code with a good name.****File > Save now***