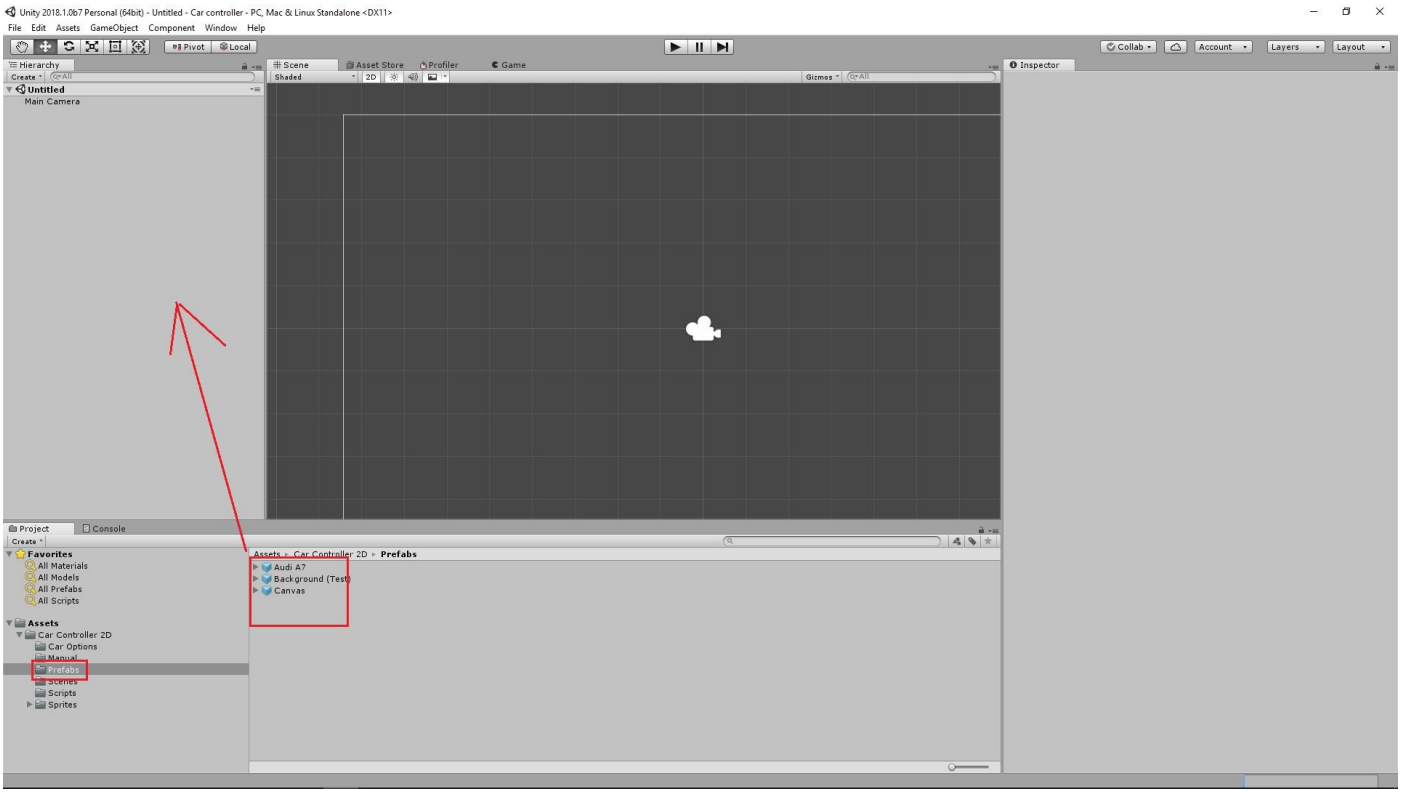
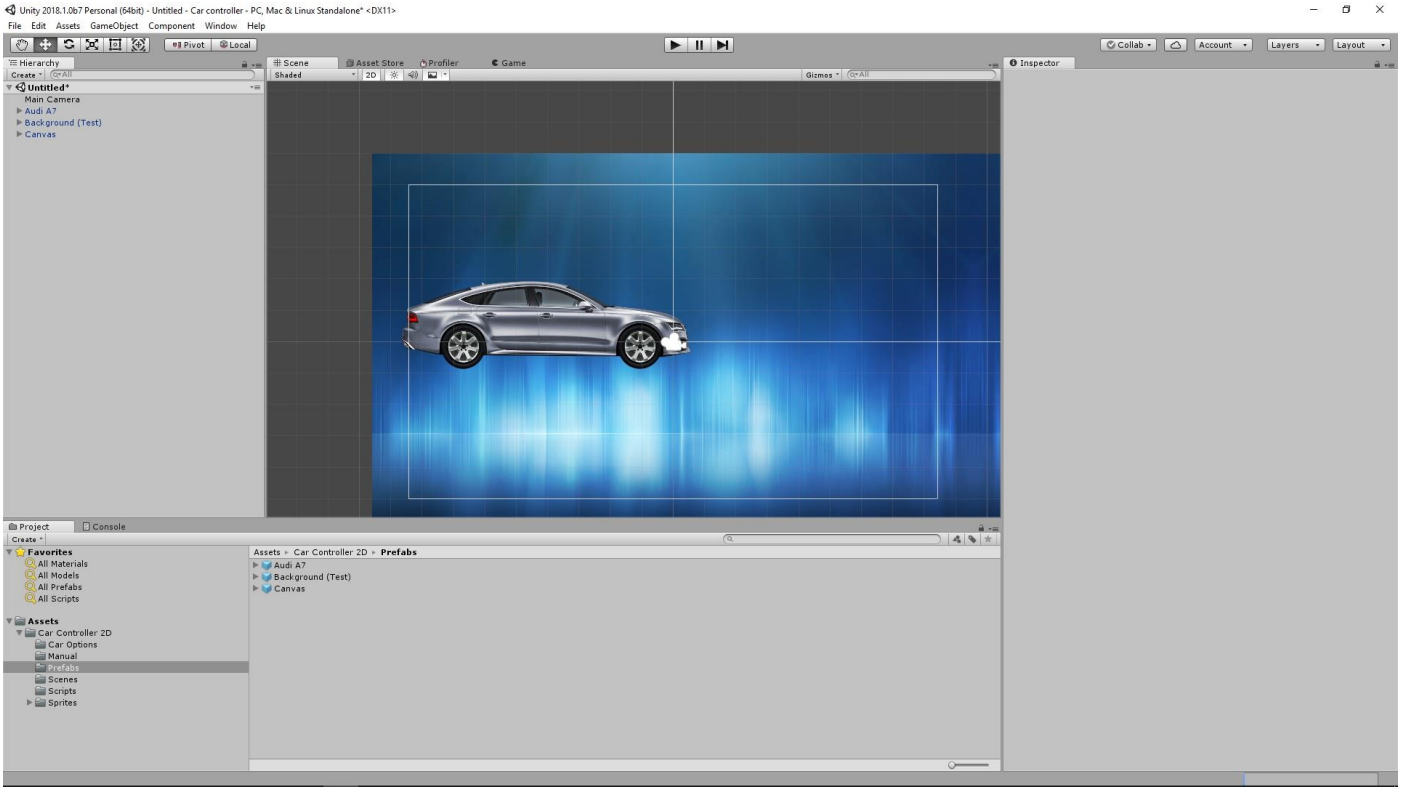
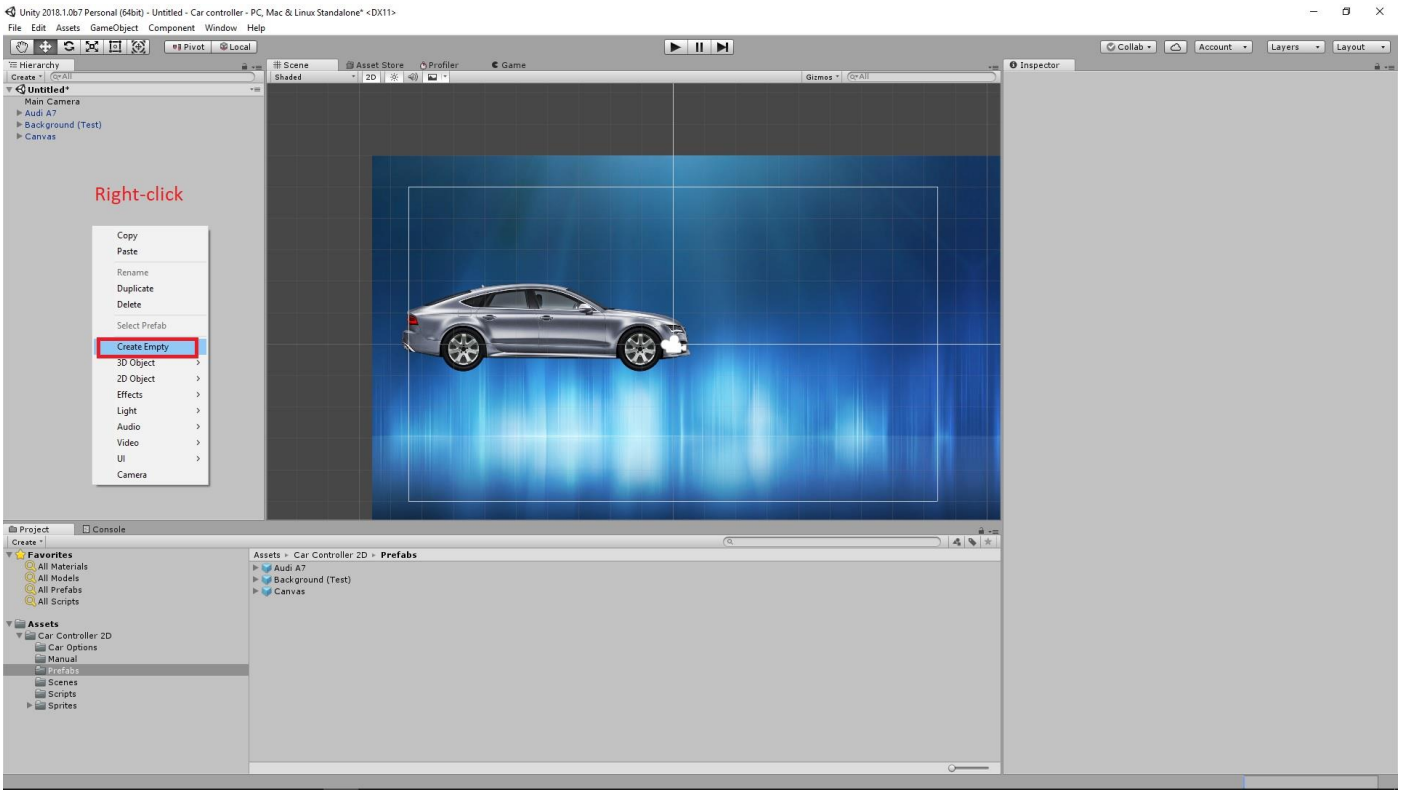
Installation

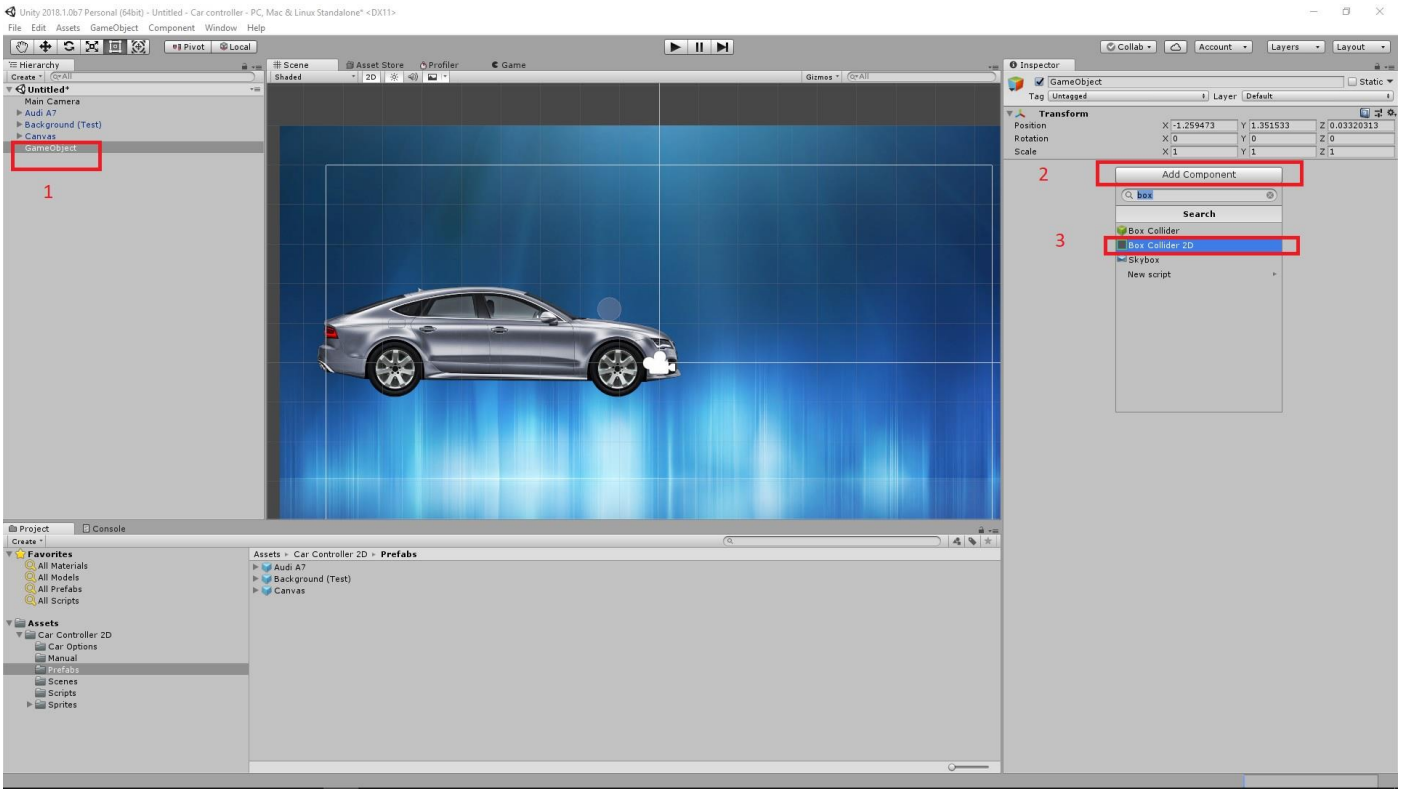
Drag all prefabs from the prefabs folder to the scene.

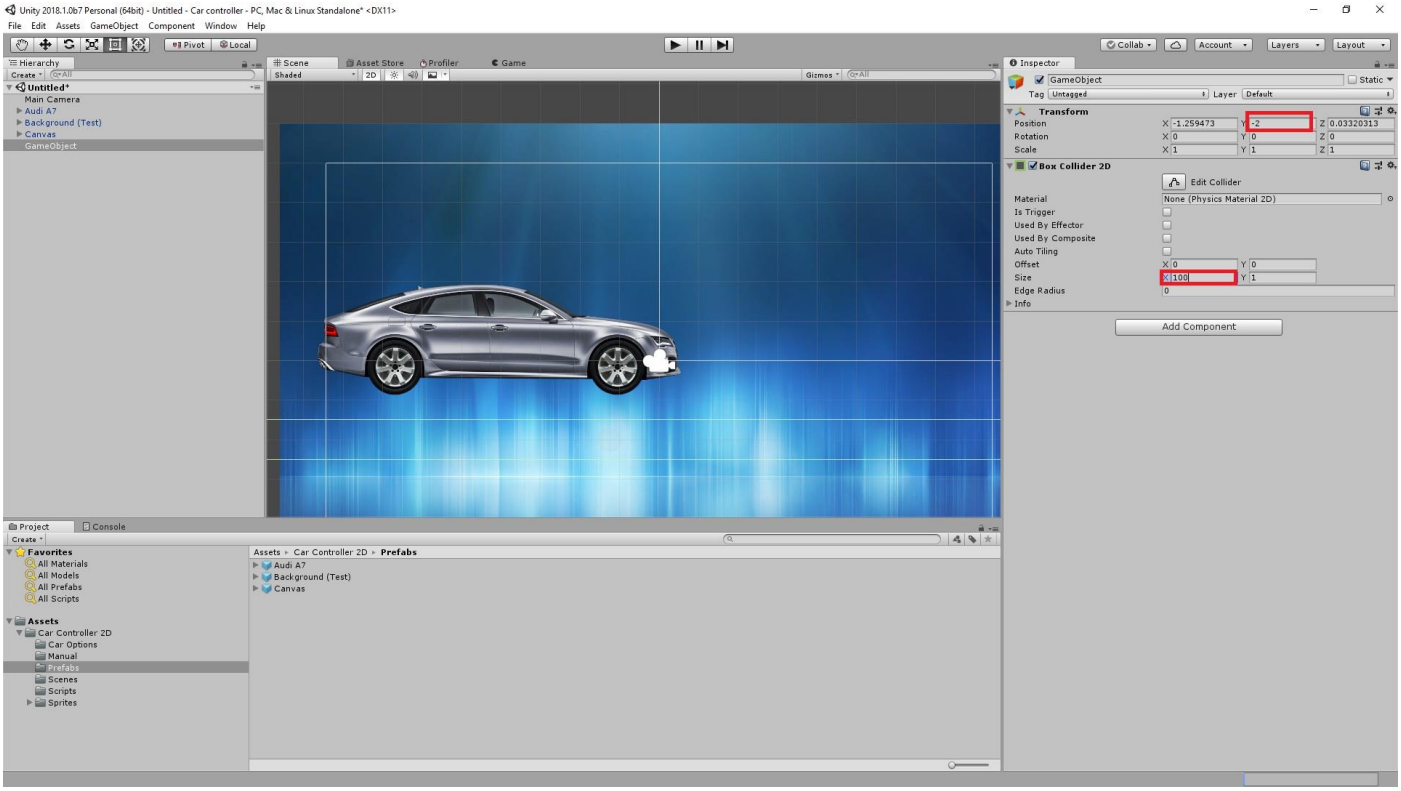




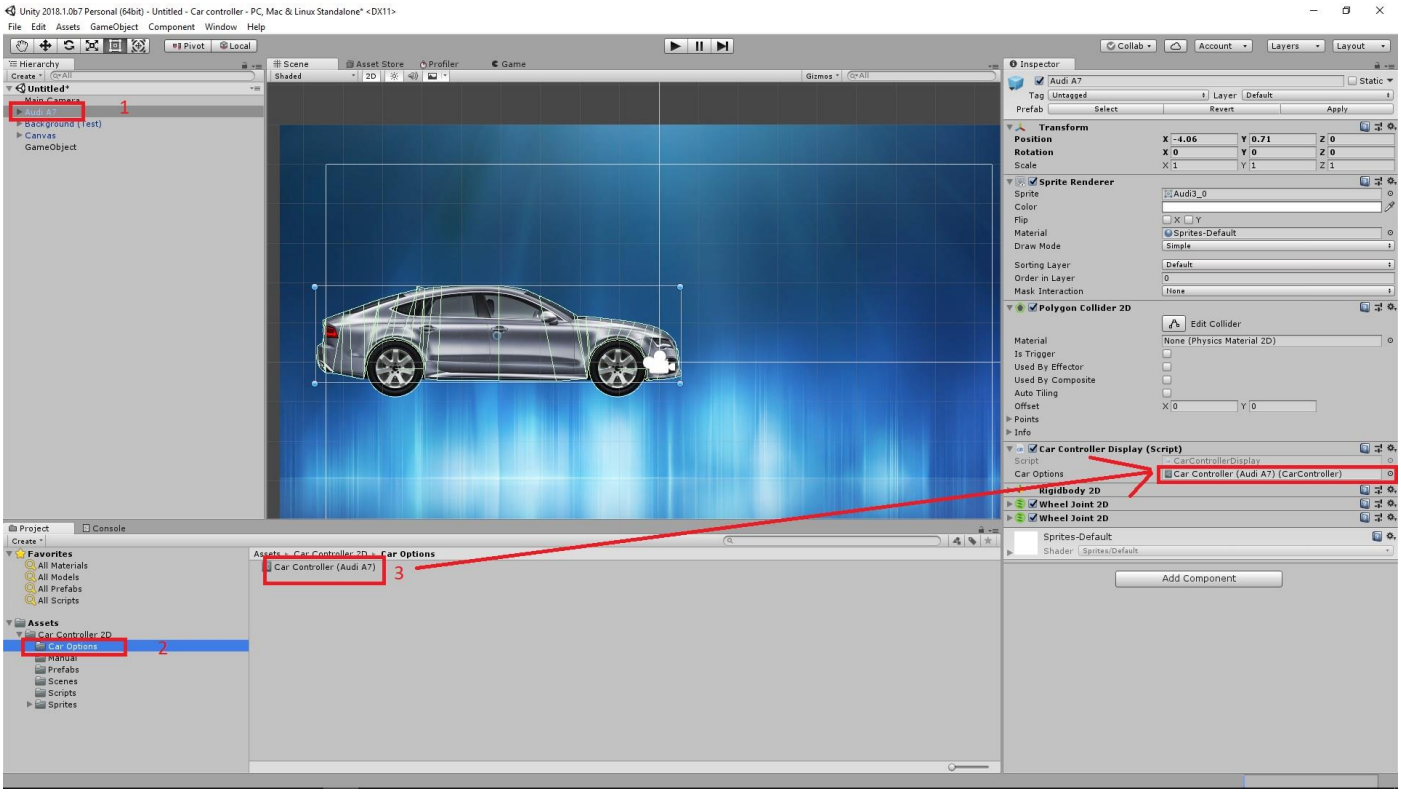
Next, you need to create a surface on which the car will move. To do this, create a box collider.







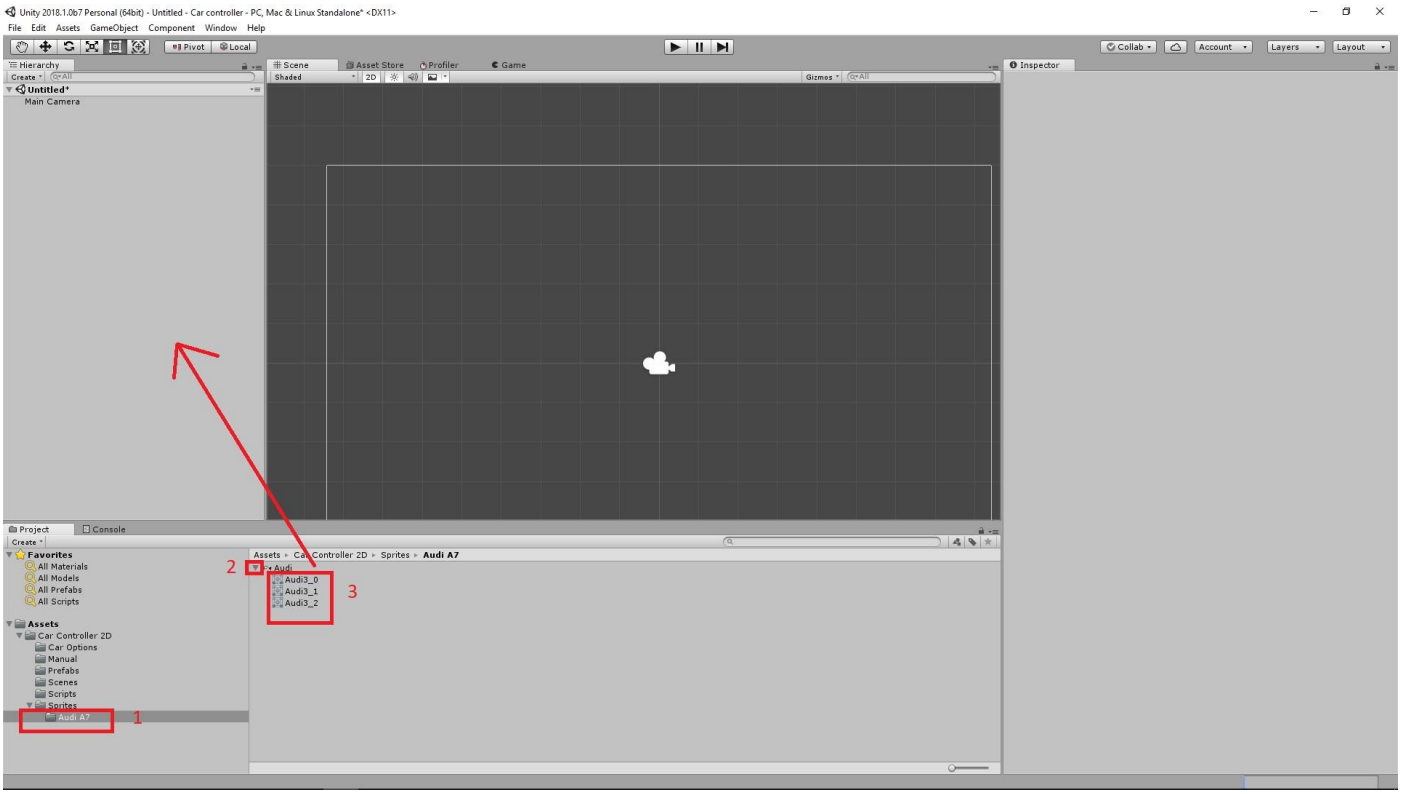
Make sure that our settings are in the field.



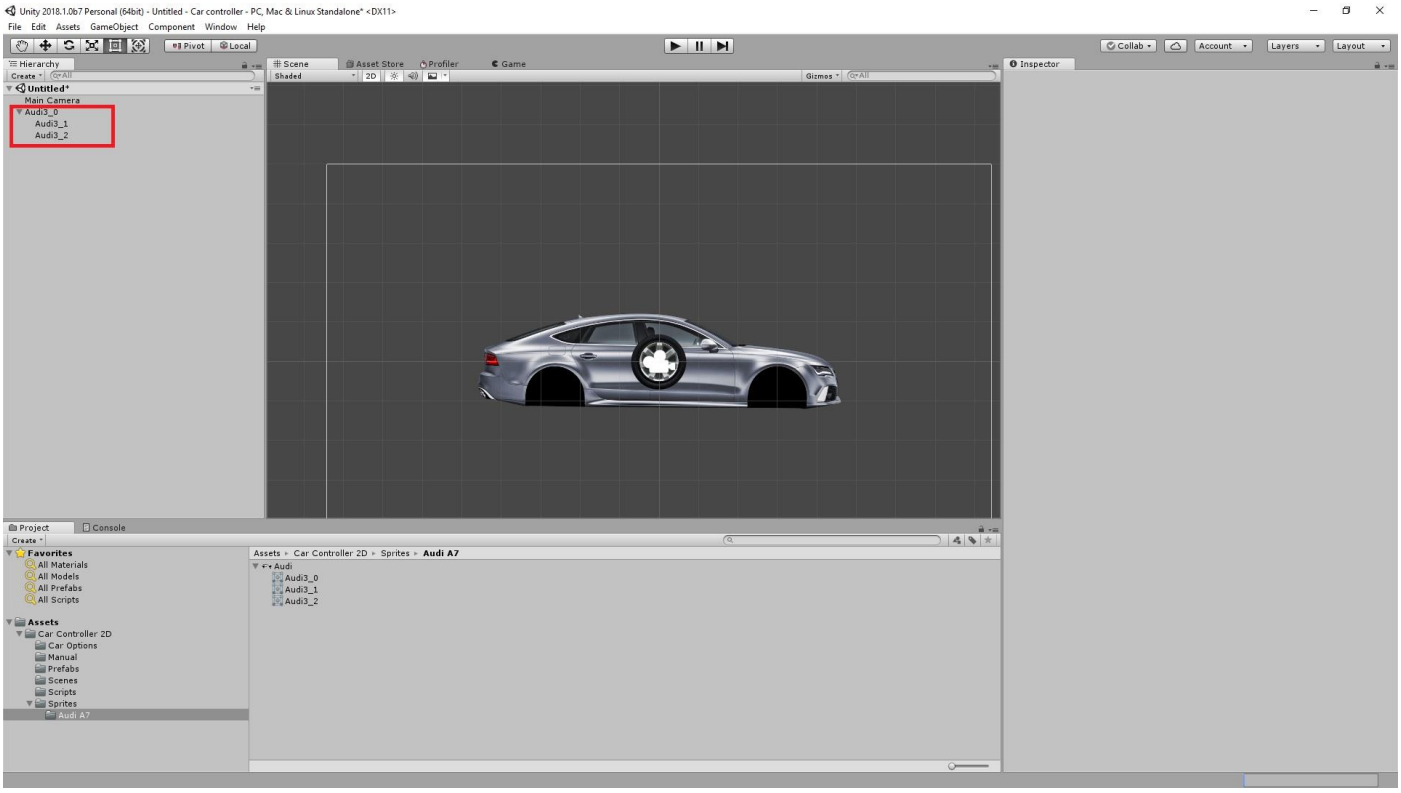
P.S. Switching gears is done using the buttons "A" and "Z". We will return to them later.

Play!

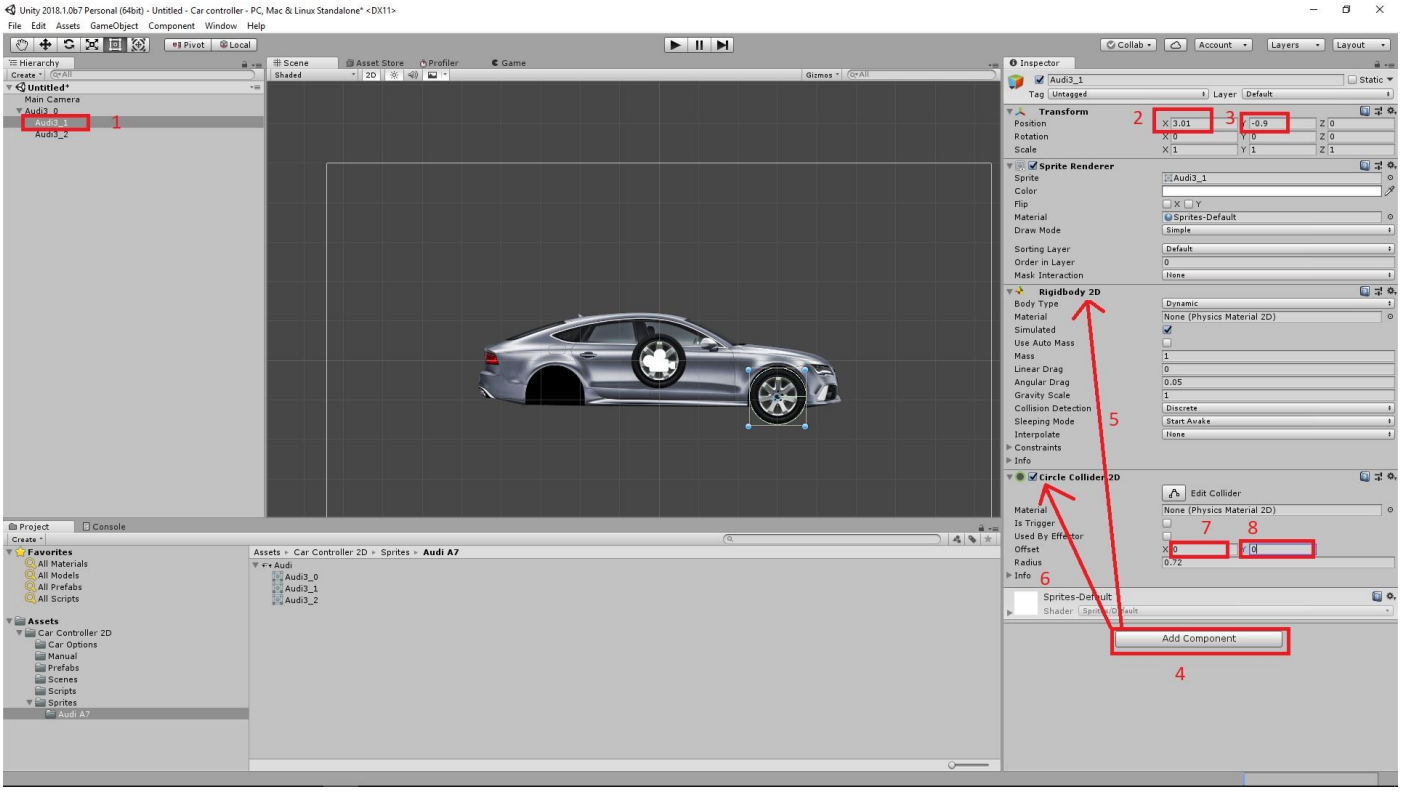
Making your own car.



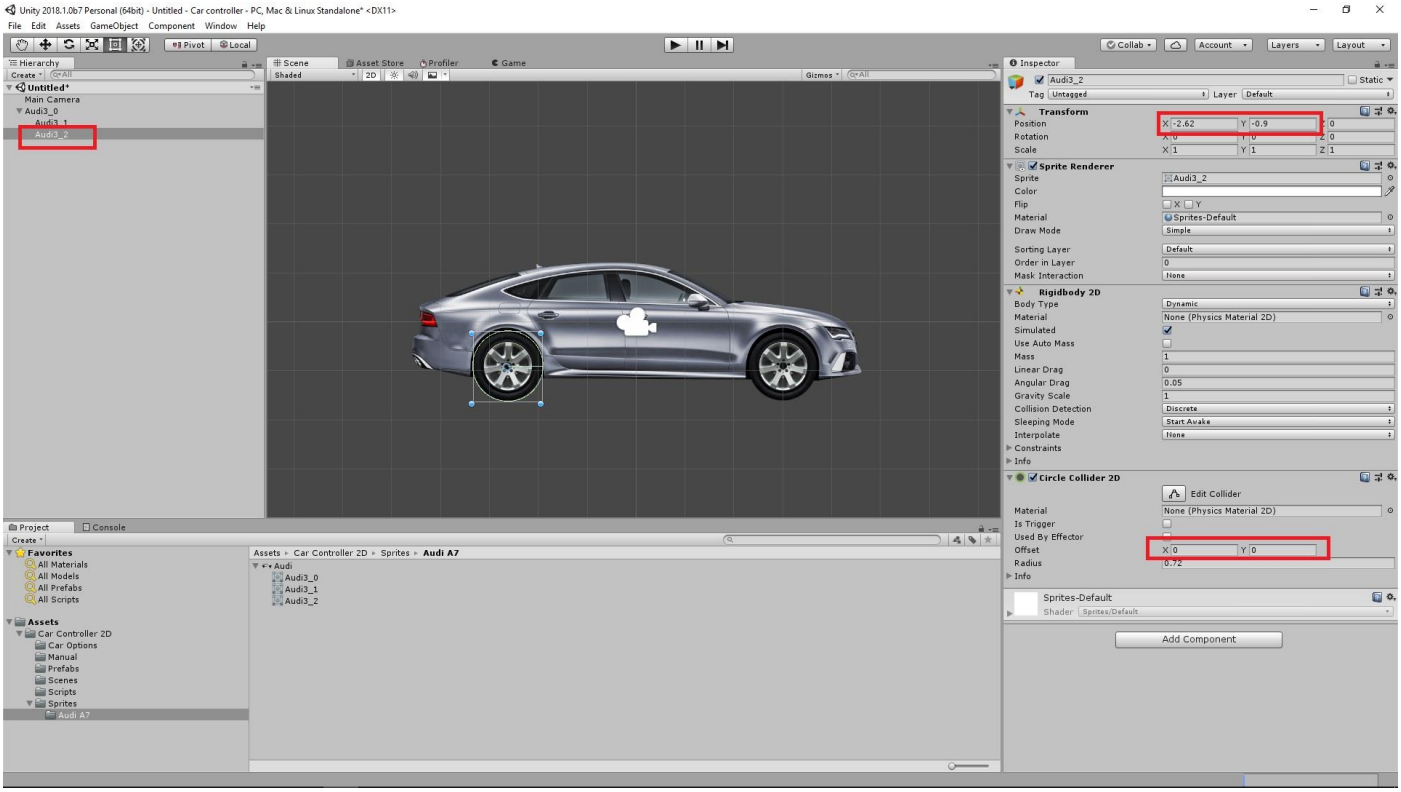
Make sure that the wheels are child.



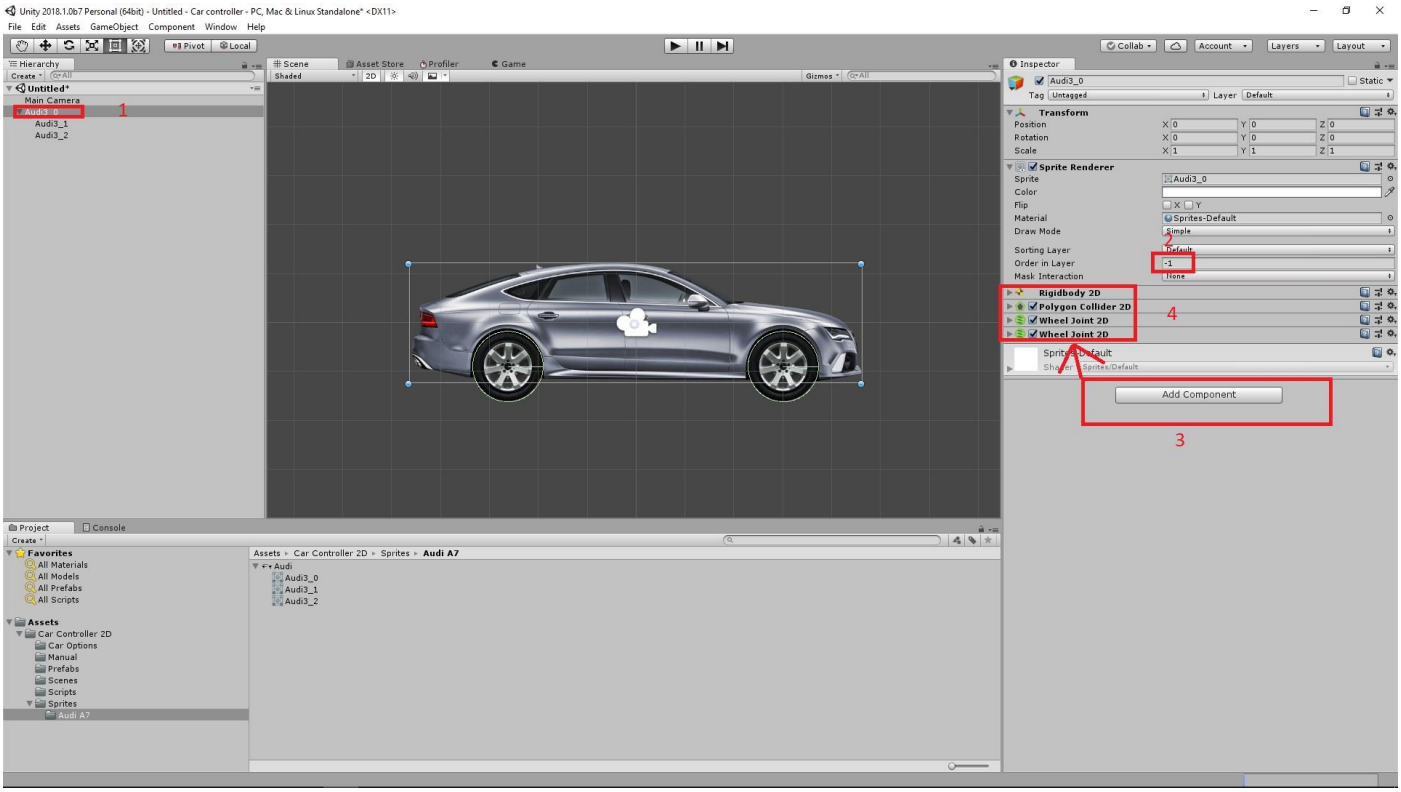
Correctly arrange the wheels and add the components.



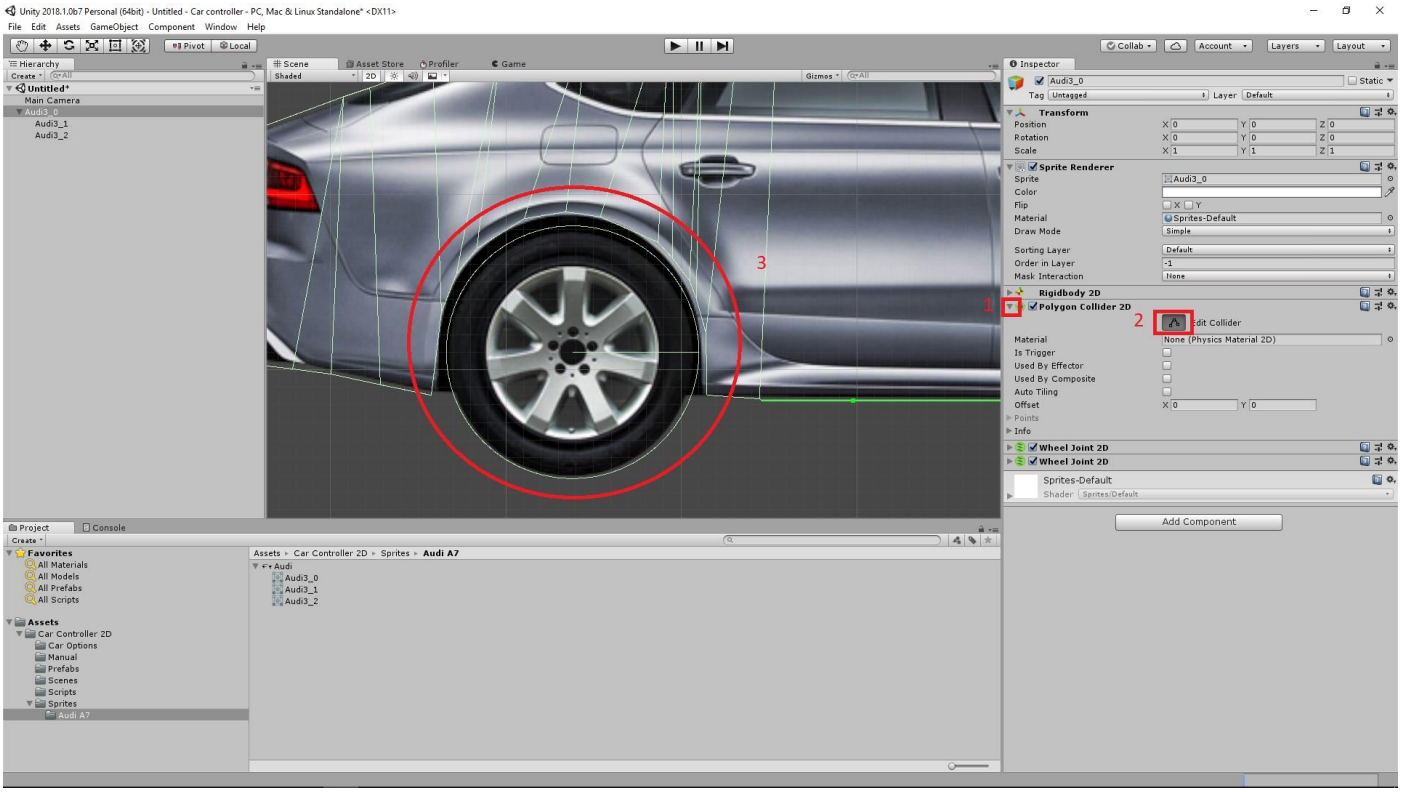
With the rear wheel we do everything the same, only slightly change the position.



Now arrange the components for the car body.

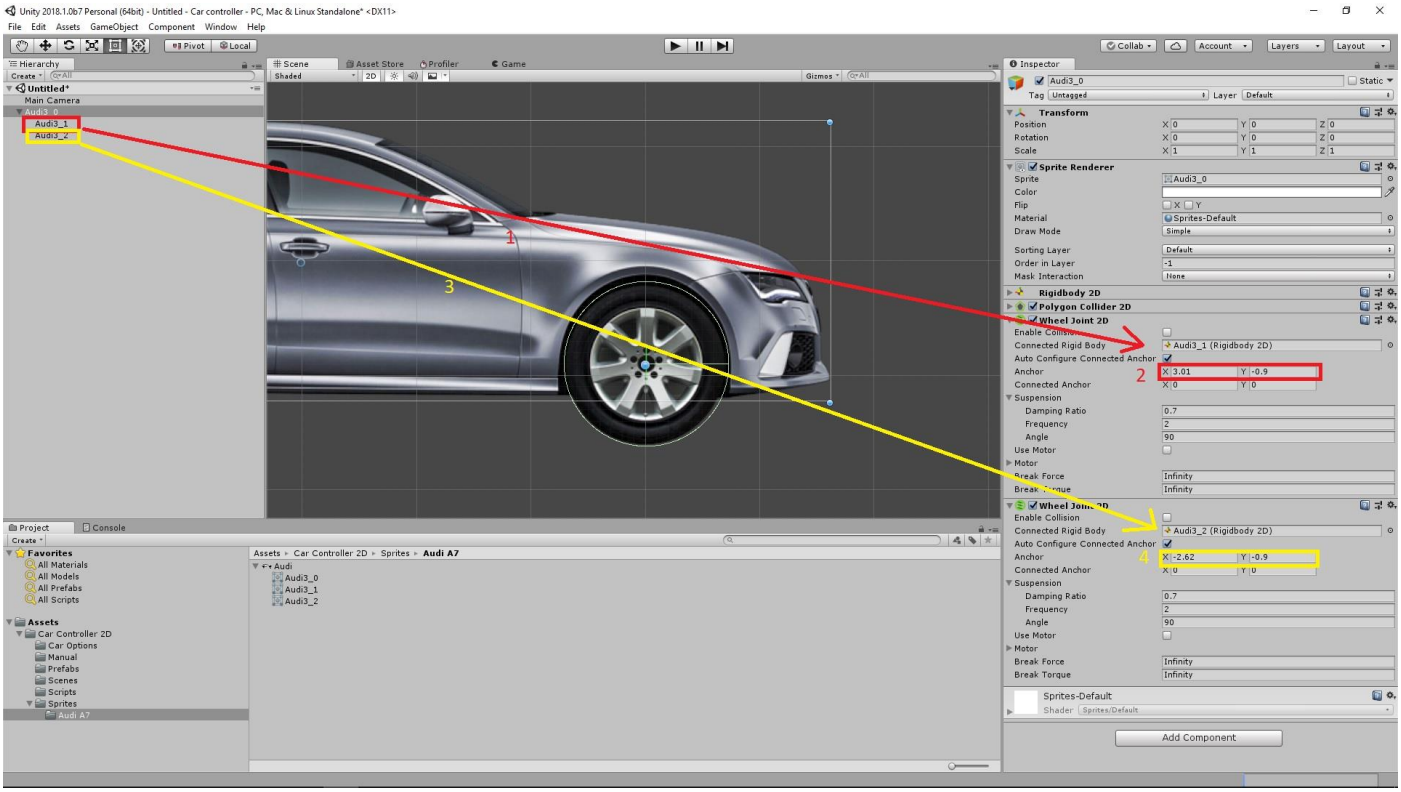


We adjust the collider for each wheel so that the wheel does not intersect with the car's body.

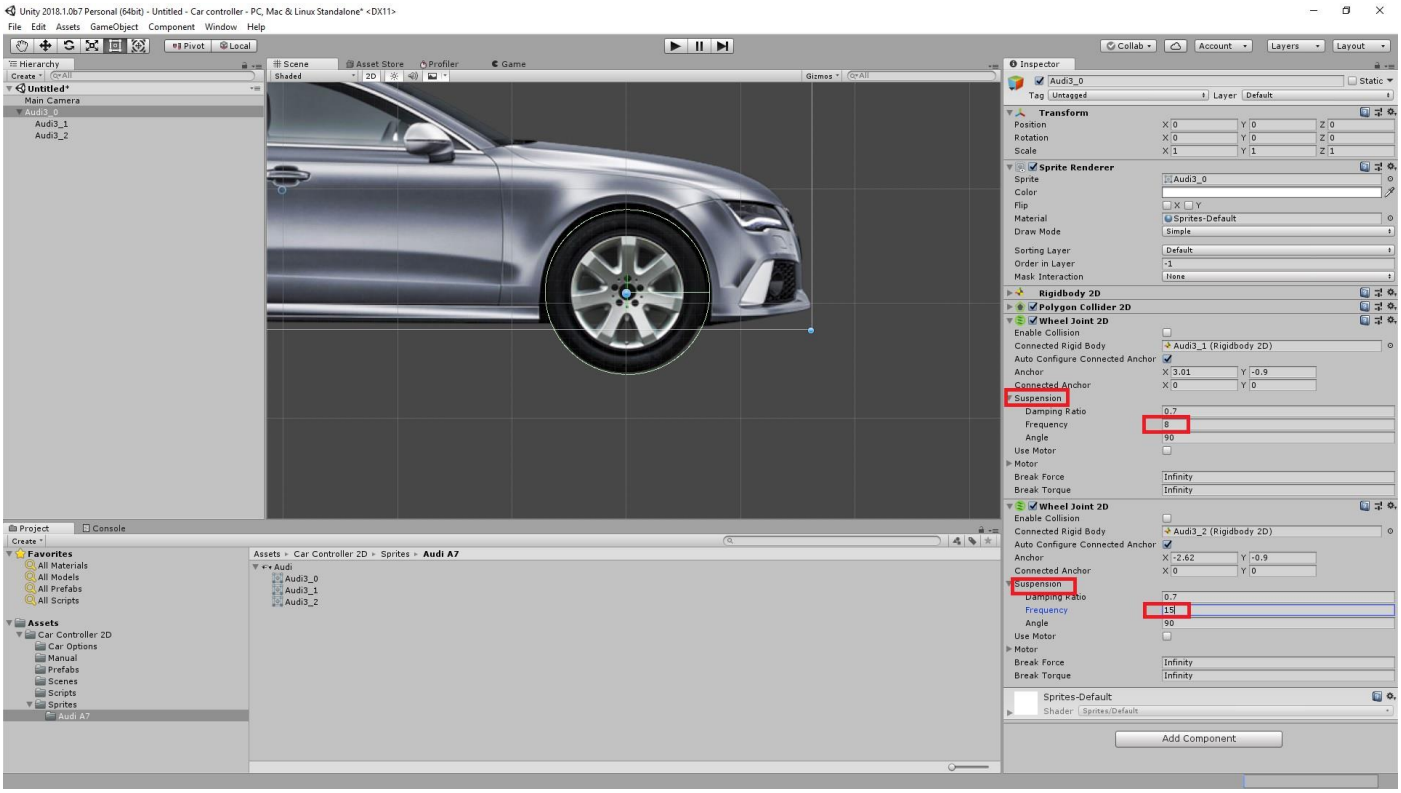


We do this for each wheel.

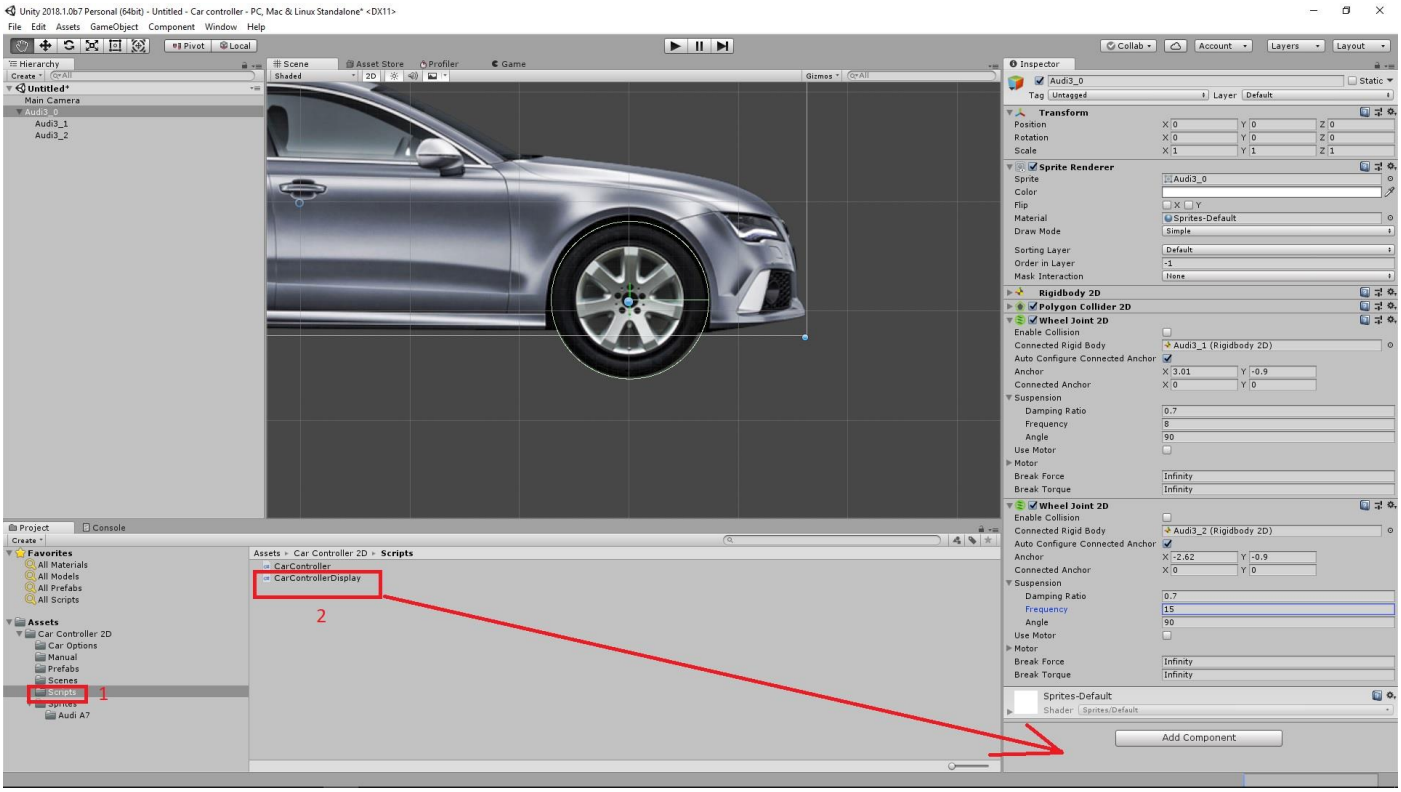
After that, we turn to adjusting the wheels (Wheel Joint 2D).



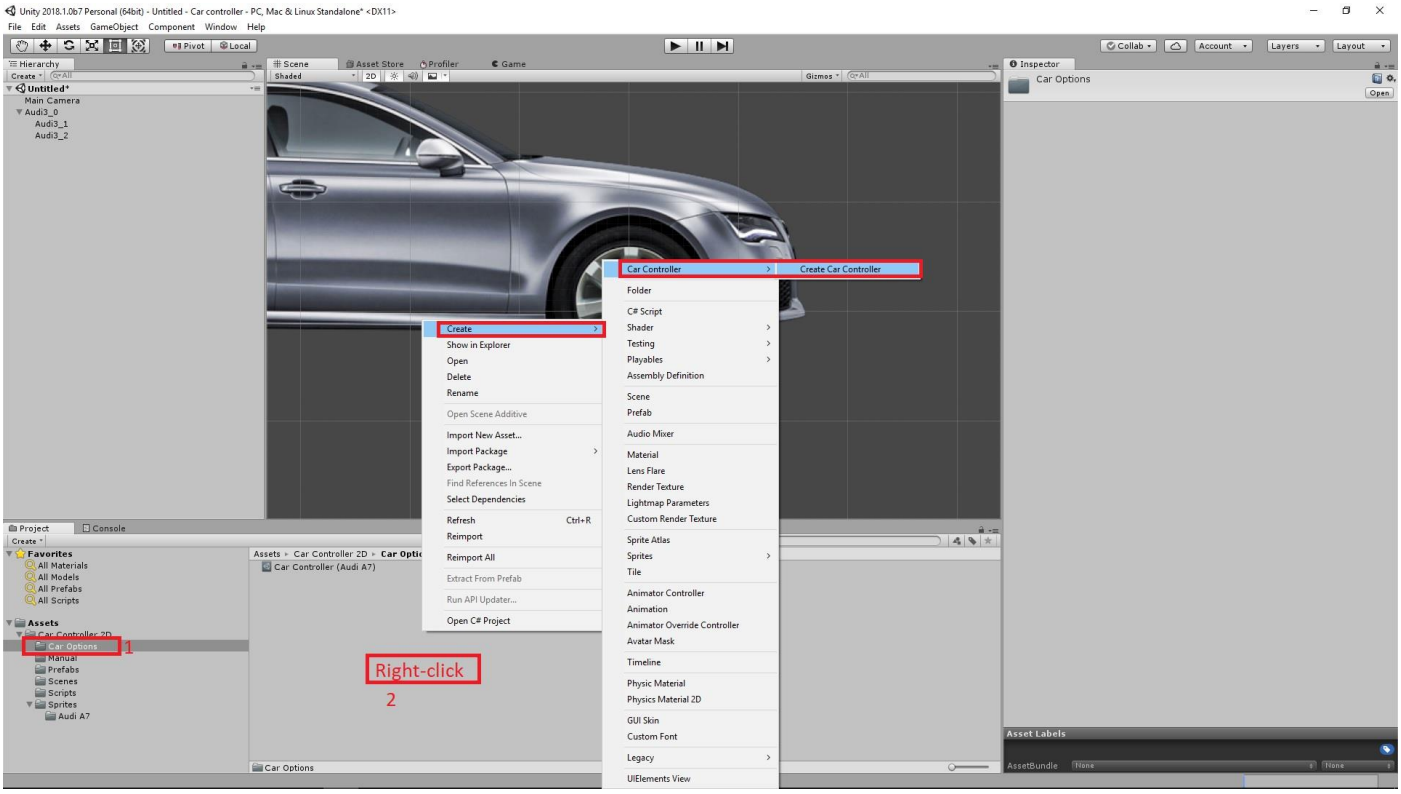
Now adjust the springs.



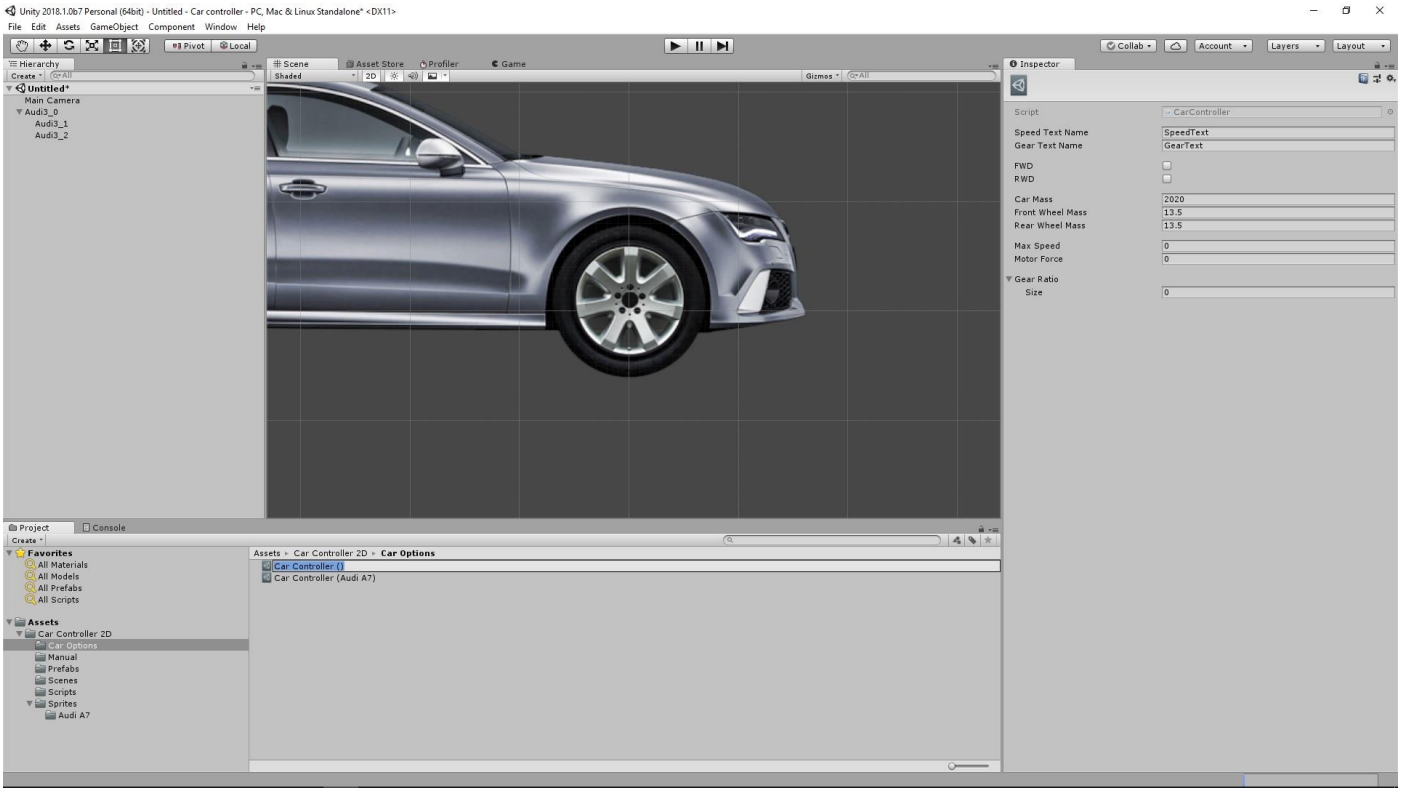
Let's put the script on our car.



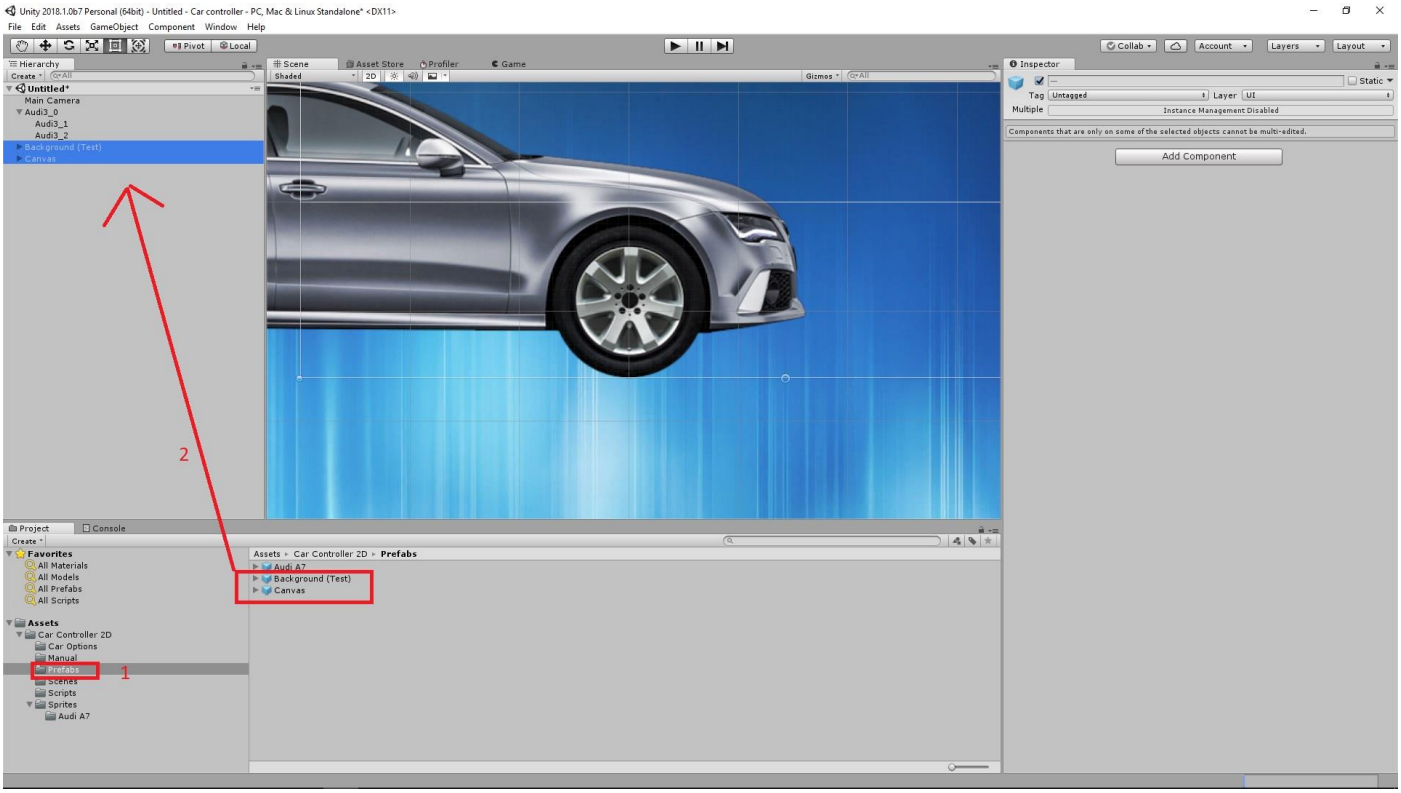
Let's create our car settings (Settings can be created in any folder).



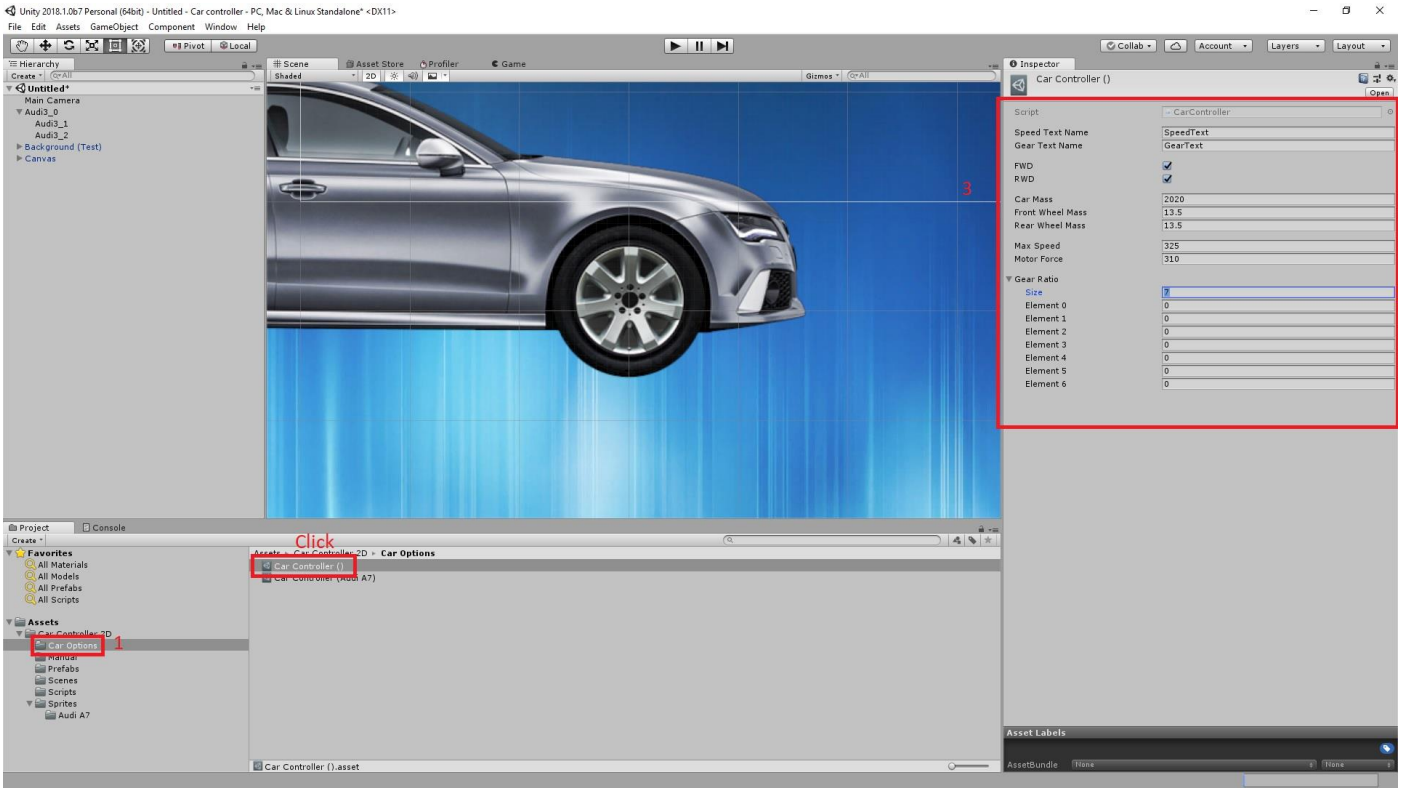
It should be like this.



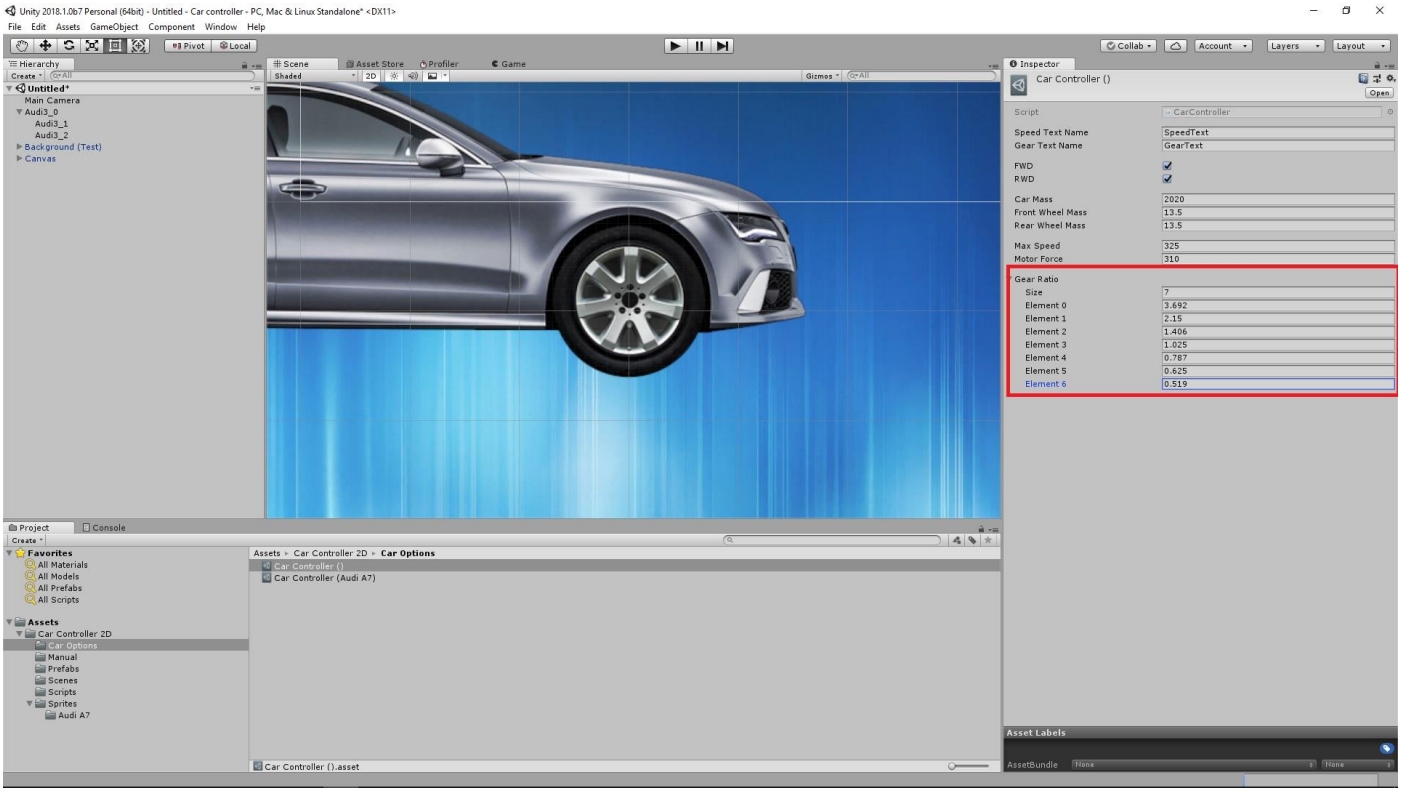
In order not to create new prefabs, we will drag the old ones.



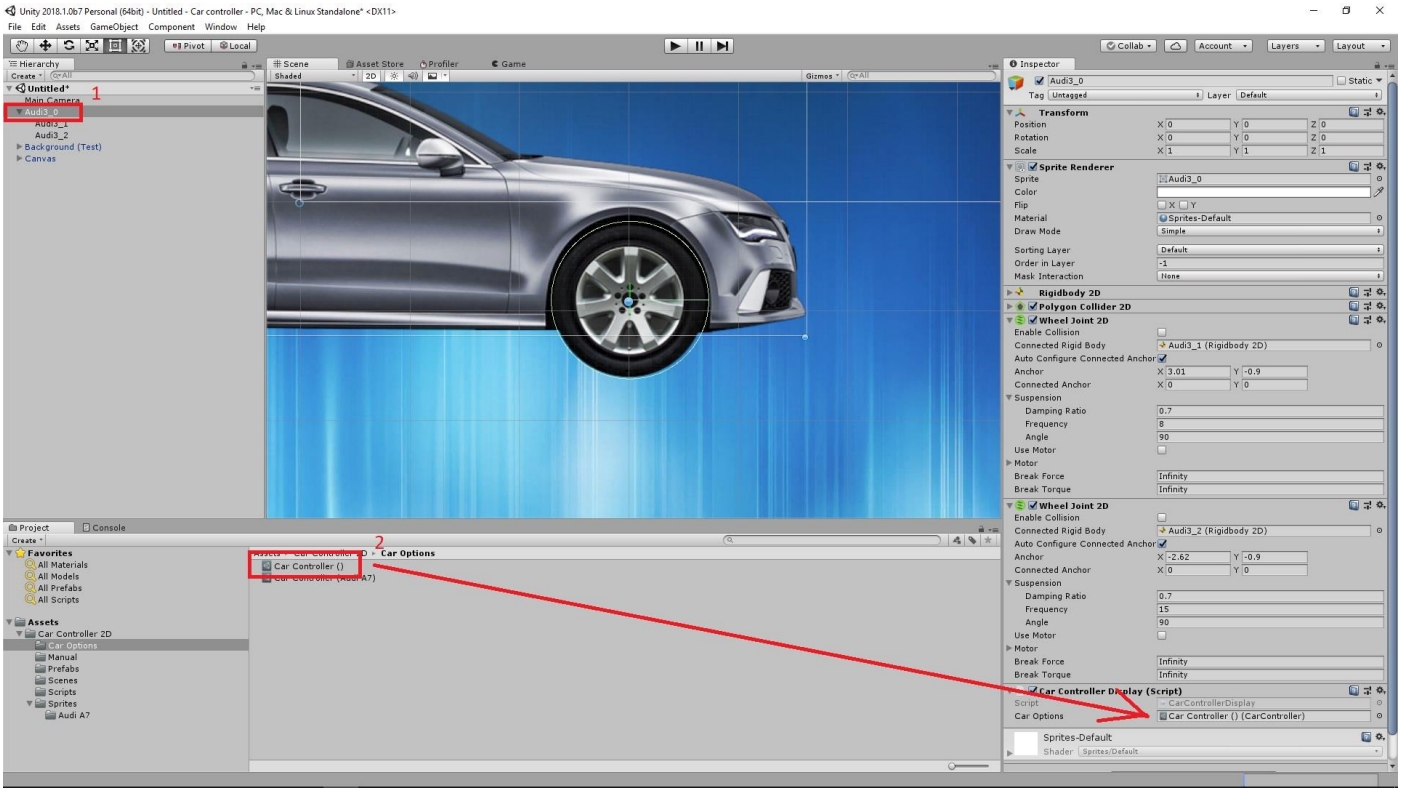
Let's start filling in the fields.



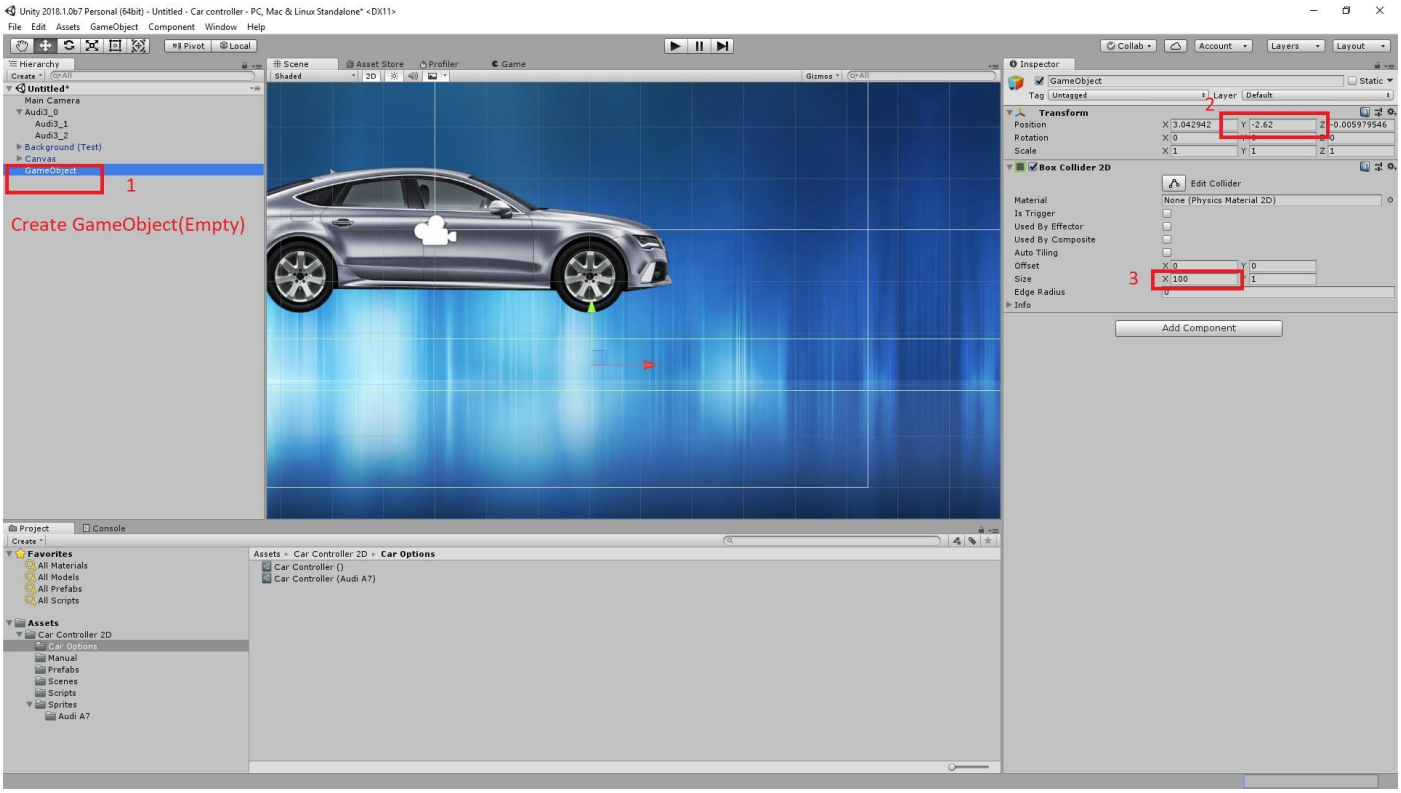
Fill in the fields "Gear ration". Size - is the number of gears (Not more than 7). Elements from 0 to 6 is the gear ratio, you can find it on the Internet or open the “Gear Ratio” file in the Manual folder, and take the values from there.



After that, you need to drag our settings into the required field.



Next, create a surface on which our car will move.

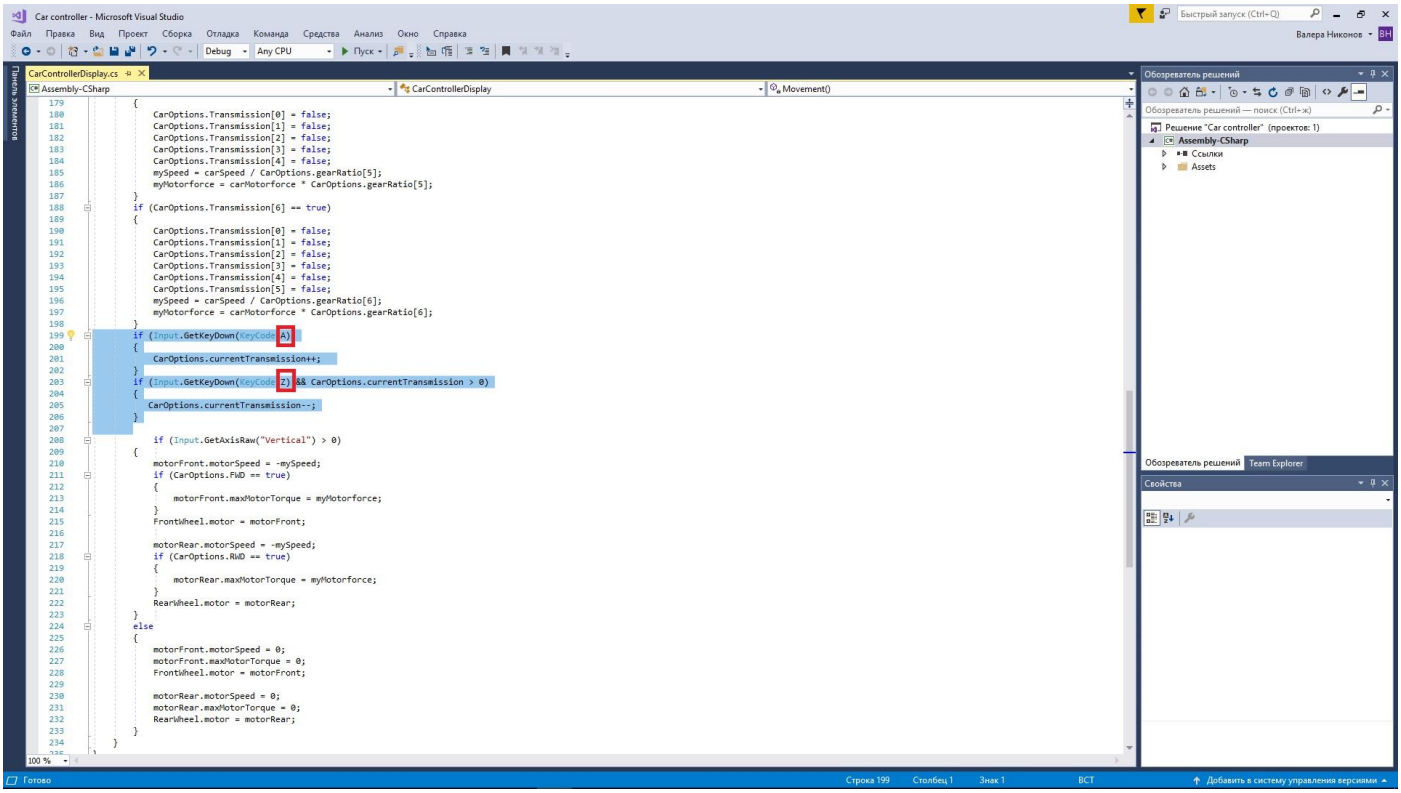


Play.

Now you can make a game. Good luck.

Notes

To change the gearshift buttons you need to go into a script called “CarControllerDisplay”. Looking for these lines in “void Movement”.



P.S. I would like to apologize for my English, thank you for choosing my product. I wish you good luck and good projects.