

Line Tracing Truck: Week IV

by

Lauri Ala-Mursula, Aleksi Ylihurula & Tanguy Moriceau

The main goals of this week were to finish the design of the truck (obtain the final product) and to merge all the codes we created.

Just like the previous week, we worked remotely at home on these goals. Lauri worked on the final truck that we want to build, while Aleksi and Tanguy worked on finishing the codes and merging them.

We plan to test the truck during the next week.

Alexsi's report:

During this week, I checked if the code that we created worked and started to merge the code. I had to study a little bit on how to implement different function to a code and make it one whole structure. Later in the week I finished the merging process and uploaded it on our repository for Tanguy to double check it and add the turning function into it. The code is now finished and only thing we need to do is to check next week that it works with real components and possibly make some adjustments if something doesn't work.

Altogether I spent approximately 4-5 hours on this project on my own.

This week I learned more about how to code using C++ and Arduino's own libraries.

Lauri's report:

Tanguy's report:

This week, I mostly worked on the codes, trying to fix potential errors. After Aleksi merged them in only one file, I looked for possible problems.

Since everything seemed to be fine, I didn't work anymore on the project.

I can fix the potential problems that will come during the next week, when we will test the truck's operations with the line.

I worked around two hours on my own this week.