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Description

Under control of the computer, cause the vehicle to flash the SOS pattern on its turn indicator lights. SOS in morse code is dot-dot-dot-dash-dash-dash-dot-dot-dot. Map dot to the left turn indicator and dash to the right, and make the vehicle flash: left-left-left-right-right-right-left-left-left followed by a wait, then repeat.

We use an array to store the state of the light, following the SOS pattern. Every 0.7 second, we change the state, where the frequency matches the car light. We repeated the procedure for three times.

Steps

Step 1

Open the 1st terminal, launch the joystick controller

```
source devel/setup.bash
roslaunch basic_launch gem_dbw_joystick.launch
```

Step 2

Open the 2nd terminal

```
source devel/setup.bash  
roslaunch [PackageName] flashing.py
```

Video Link

https://youtu.be/TSj__uUwmT0