Algorithm and experience:

For the car queue class, I used a queue of the ArrayDeque type. When the new instance of the car queue is created if add four random number to the queue. In the addToQueue method is called it makes a MyRunnable class that implements Runnable and tries to enqueue 4 random numbers every 1 second. After defining MyRunnable and instantiating I can make and new thread and start it.

At first, I got stuck on this lab because I forgot everything about implementing runnable having a run method. However After that Everything went fine and I saw how they threads were not concurrent .