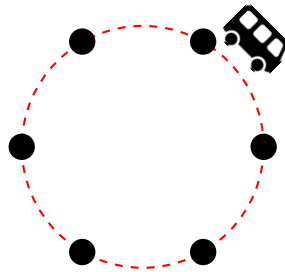


Busy bus – coding competition

March 15, 2017

In the town of Gnir, there is one circular bus line served by one bus. From each station, the bus driver can drive to any of the two adjacent stations, or spend some time at the current station. During that time, exactly one person arrives at a random station, and waits for the bus in order to go to some other random station. Via an app, the bus driver knows about every person currently waiting anywhere along the route where they need to go. The bus driver chooses how many and who will board the bus at the current station, but the number of passengers may not exceed the bus capacity. The passengers leave the bus as soon as it arrives at their destination. The aim of the bus driver is to minimize the total number of people waiting at all the stations on average over time.



One possible strategy is to always move in the same direction; another strategy is to consistently move towards the destination of a particular passenger.

Can you do better?

Instructions. Please visit <http://bit.do/busybus>, where you will find detailed instructions and template files to get you rolling!

Submission: by **May 31, 2017**.

The **first prize of 500€** is sponsored by TWT GmbH:

