Step 4 Update

Step 4 v2

Introduces constant BIKE_RANGE = 40000 in section 11.1 Parameters from Specification and uses it for the initialisation of the Delivery Centre variable limit. This will support safe experimentation with effect of the bike range.

Introduces constant CUSTOMER_NOT_AT_HOME = 0.1 in section 11.1 Parameters from Specification. The process method in the Customer class is updated to reflect the requirement that "on average 10% of customers are not at home". This has a noticeable impact on the number of left over parcels.

Also the answerDoor() method in class Customer is updated to correctly reflect the intended behaviour, and consequently a bug in the Driver process() has been fixed, which was previously never invoked.