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Project 1 grading helper

To run the driver:

      Run Driver/ServerClientDriver.java

The server is thread safe, since each socket is handled by individual thread.

Also, the consistency of message id can make sure the message is valid and safe.

When selecting a car, user input is required on console. All cases are handled.

All the messages between a client and a server should follow this pattern:

[identifier];;;[message_type];;;[payload]

Each token is connected to others with ";;;".

To create a model:

Client ---{message_id, 0, null} ---> Server

Server ---{message_id, 1, null} --->Client

Client ---{message_id, 2, properties} ---> Server (Properties are separated by ";;")

Server ---{message_id, 3, status_(success || fail)} ---> Client

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To Select a car:

Client ---{message_id, 10, null} ---> Server

Server ---{message_id, 11, available models} ---> Client (each model is separated by ";;")

Client ---{message_id, 12, model_id} ---> Server

Server ---{message_id, 13, {model_id, options}} ---> Client

Client ---{message_id, 14, {model_id, selected_option_id}} ---> Server

Server ---{message_id, 15, {model_id, total_price, selectedl_properties}} --->Client