The supplied Java code is for a car **cruise control** system. This cruise control system consists of the following parts to control the car speed: **Brake**, **Engine**, **Shaft**, and **Throttle**. At this time, the car company orders these parts from a company called Digital Logic Horizon.

1) [15%] Which SOLID principle this code violates? You must mention the reason.

2) [85%] Update the code so that your code does not violate the above principle