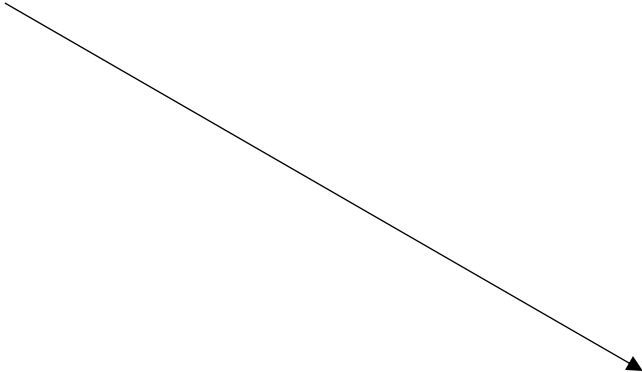


ENGINES

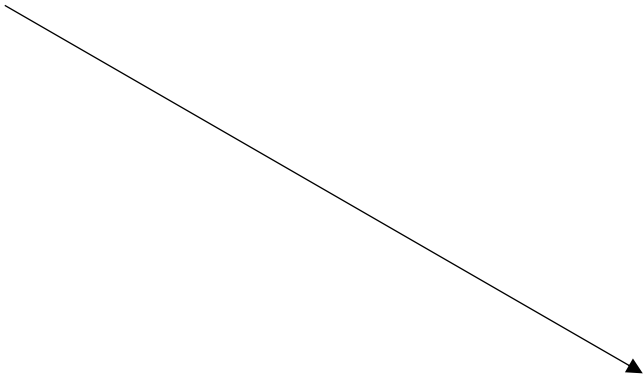
Class Engines
name_of_engine: str when_should_be_serviced: int
should_be_service: calculate if service should be made, using the year given in the car model



Class Change_of_Engine
car_model: str can_have_different_engine: str
If the car can change engines select_new_engine: use the should_be_service method, then select an engine (based on producer's or user's preferences)

Batteries

Class Batteries
name_of_battery: str serviced_every_many_years: int
should_be_service: calculate if service should be made, using the year given in the car model



Class Change_of_Battery
car_model: str can_have_different_battery: str
If the car can change batteries select_new_battery: use the should_be_service method, then select an engine (based on producer's or user's preferences)

Car models

Class Calliope
model: str current_year: int when_was_bought: int engine_type: str battery_type: str parts_of_the_car: list(str)
year_of_car: calculate how many years the car has been used use Change_of_Battery Class if the car allows it use Change_of_Engine Class if the car allows it changes_in_the_car: if there are changes to be made, that are not battery nor engine related, this should be done here

Class Palindrome
model: str current_year: int when_was_bought: int engine_type: str battery_type: str parts_of_the_car: list(str)
year_of_car: calculate how many years the car has been used use Change_of_Battery Class if the car allows it use Change_of_Engine Class if the car allows it changes_in_the_car: if there are changes to be made, that are not battery nor engine related, this should be done here

Class Thovex
model: str current_year: int when_was_bought: int engine_type: str battery_type: str parts_of_the_car: list(str)
year_of_car: calculate how many years the car has been used use Change_of_Battery Class if the car allows it use Change_of_Engine Class if the car allows it changes_in_the_car: if there are changes to be made, that are not battery nor engine related, this should be done here

Class Glissade
model: str current_year: int when_was_bought: int engine_type: str battery_type: str parts_of_the_car: list(str)
year_of_car: calculate how many years the car has been used use Change_of_Battery Class if the car allows it use Change_of_Engine Class if the car allows it changes_in_the_car: if there are changes to be made, that are not battery nor engine related, this should be done here

Class Rorschach
model: str current_year: int when_was_bought: int engine_type: str battery_type: str parts_of_the_car: list(str)
year_of_car: calculate how many years the car has been used use Change_of_Battery Class if the car allows it use Change_of_Engine Class if the car allows it changes_in_the_car: if there are changes to be made, that are not battery nor engine related, this should be done here