C19 Ex03 Noy 204229322 Ohad 205926215

ORANGE LINES MEAN COMPOSING,GREEN FRAME MEANS EXCEPTION CLASS

BLUE LINES MEANS INHERITERS,ORANGE FRAME MEANS ENUM

DSAFADSF

ELECTRIC POWERSYSTEM

SON CLASS OF POWERSYSTEM

FUEL POWERSYSTEM

SON CLASS OF POWERSYSTEM

CONTAIN ENUM FUEL TYPE

POWERSYSTEM:

BASE ABSTRACT CLASS THAT CONTAIN ALL DATA MEMBERS AND BASE METHODS FOR ALL TYPE OF ENGINGES

PROGRAM:

RUN UI IN LOOP

UI

CONTAIN CLASS GARAGE:

GETIING INFORMATION FROM THE USER,CHECKS ABOUT VALID INPUT AND USING GARAGE METHODS

VEHICLE:

BASE ABSTRACT CLASS WHICH CONTAIN COMMON INFORMATION ABOUT ALL VEHICLES

AND BASE METHOD FOR ALL VEHICLES TYPE

WHEEL:

CLASS WHICH CONTAIN INFORMATION ABOUT MANUFACTOR OF THE WHEEL

CURRENT AND MAX AIR PRESSURE ACCORDING TO VEHICLE TYPE AND ENGINGE TYPE. EACH VEHICLE TYPE CONTAINN AN ARRAY OF WHELLS ACCORDING TO VEHICLE TYPE

ENUM:

EENERGYTYPE

CREATE NEW VEHICLE

SPECIAL CLASS WHICH CREATE NEW VEHICLE ACCORDING TO USER INPUT

ENUM

EVEHICLE STATUS

GARAGE

CONTAIN A LIST WITH VEHICLES AND APLLYING METHODS AND LOGICS FOR VEHICLES

VEHICLE INHERITERS:

TRUCK:

SON OF CLASS VEHICLE:

CONTAIN EXTRA PERSONAL INFORMATION AND METHODS ABOUT TRUCKS

SDAFSDA

MOTORCYCLE

SON OF CLASS VEHICLE:

CONTAIN EXTRA PERSONAL INFORMATION AND METHODS ABOUT MOTORCYCLE

CAR:

SON OF CLASS VEHICLE:

CONTAIN EXTRA PERSONAL INFORMATION AND METHODS ABOUT CARS

ENUM ECARCOLOR

ENUM

ELICESNCE TYPE

VOR EXCEPTION:

SON CLASS OF EXCEPTION

USEDWHEN THE INPUT IS GIVEN IS OUT OF RANGE OF POSSIBLE VALUE