



CLASS NAME : OBJECT ORIENTED
PROGRAMMING
LASCANO

TEACHER: EDISON

NRC: 14575

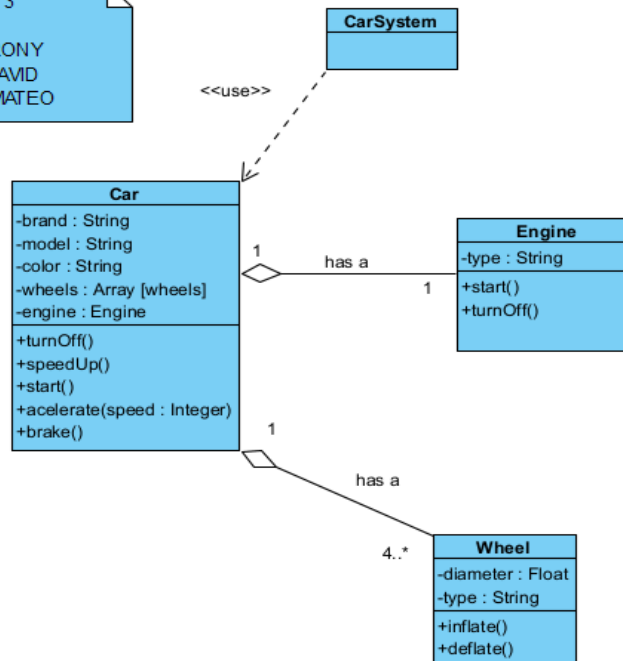
WORKSHOP #: 22

TOPIC: AppliedOOP

TEAM #1

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2. DAVID GUSTAVO CEPEDA SALGUERO
3. MATEO GABRIEL CRIOLLO LLUMIQUINGA

WOKSHOP 3
TEAM 1
CEDEÑO RONY
CEPEDA DAVID
CRIOLLO MATEO



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File Edit Selection View Go Run Terminal Help
Wheelerb x Engine.rb Register Car.rb x Engine.rb x Car.rb x

class Wheel
  attr_accessor :diameter, :type
  def initialize(diameter, type)
    @diameter = diameter
    @type = type
  end
  def to_s
    "[#{type}] - Diameter: #{@diameter}"
  end
end

class Engine
  attr_accessor :type
  def initialize(type)
    @type = type
  end
  def to_s
    "Engine: #{@type}"
  end
end

class Car
  attr_accessor :brand, :model, :color, :wheels, :engine
  def initialize(brand, model, color, wheels, engine)
    @brand = brand
    @model = model
    @color = color
    @wheels = wheels
    @engine = engine
  end
  def mostrar_informacion
    puts "Información del carro:"
    puts "Marca: #{@brand}"
    puts "Modelo: #{@model}"
    puts "Color: #{@color}"
    puts "Wheels:"
    wheels.each_with_index do |wheel, index|
      puts "  #{index + 1}. #{wheel}"
    end
    puts engine
  end
end

# Register Car.rb
require_relative 'Car.rb'
require_relative 'Wheel.rb'
require_relative 'Engine.rb'

puts "Welcome to System Regis"
brand = gets.chomp
model = gets.chomp
color = gets.chomp

# Obtener datos para el motor
puts "Register type of motor"
motor_marca = gets.chomp

# Obtener datos para las llantas
llantas = []
4.times do |i|
  puts "Register diameter of"
  diametro = gets.chomp.to_i
  puts "Register type of whe"
  marca = gets.chomp
  llantas << Wheel.new(diamet
end

# Crear y devolver un nuevo o
car = Car.new(brand, model, col
car.mostrar_informacion
```

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\MSI\OneDrive\Escritorio\WsRuby> ruby Register_Car.rb
Welcome to System Register to car
Register brand: Toyota
Register model: Yaris
Register color: blue
Register type of motor: Motor Wankel
Register diameter of wheel #1: 45
Register type of wheel #1: Continental
Register diameter of wheel #2: 47
Register type of wheel #2: Pirelli
Register diameter of wheel #3: 34
Register type of wheel #3: Yokohama
Register diameter of wheel #4: 65
Register type of wheel #4: Hankook.
Información del carro:
Marca: Toyota
Modelo: Yaris
Color: blue
wheels:
1. Continental - Diametro: 45
2. Pirelli - Diametro: 47
3. Yokohama - Diametro: 34
4. Hankook, - Diametro: 65
Engine: Motor Wankel
PS C:\Users\MSI\OneDrive\Escritorio\WsRuby> |
```