Python OOP Activity: Car Class Simulation (Fuel Management Enhancement)

1. Add a Fuel Attribute:

- What to do:
 - Add a fuel attribute to your Car class to track the fuel level (percentage). Set the initial value to 100%.

2. Add a Method to Refuel the Car:

- New Method:
 - o refuel(self, amount):
 - This method will increase the fuel level by the specified amount. Ensure that fuel never exceeds 100%.
 - Hint: If the car's fuel level is already at 100%, the method should print a message saying the fuel is already full.

3. Reduce Fuel When Driving:

- What to do:
 - Modify the drive(self) method so that it reduces the fuel each time the car drives.
 - Hint: For example, each time the drive() method is called, reduce the fuel by 10%.

4. Add a Car Status Report:

- What to do:
 - Add a car_status(self) method that prints the car's current status.
 Include:
 - Color of the car
 - Model of the car
 - Current fuel level (percentage)

5. Modify the Brake Method:

- What to do:
 - When the car stops (via brake()), print a message that the car has stopped.
 - Hint: If the car has already stopped, print a message saying the car is already stopped.

Bonus Challenge (Optional):

- 1. Prevent Overfilling Fuel:
 - Ensure that the fuel level never exceeds 100% when refueling.
- 2. Error Handling:
 - Add error handling for invalid input, like negative values for fuel. Print an error message if an invalid value is passed.