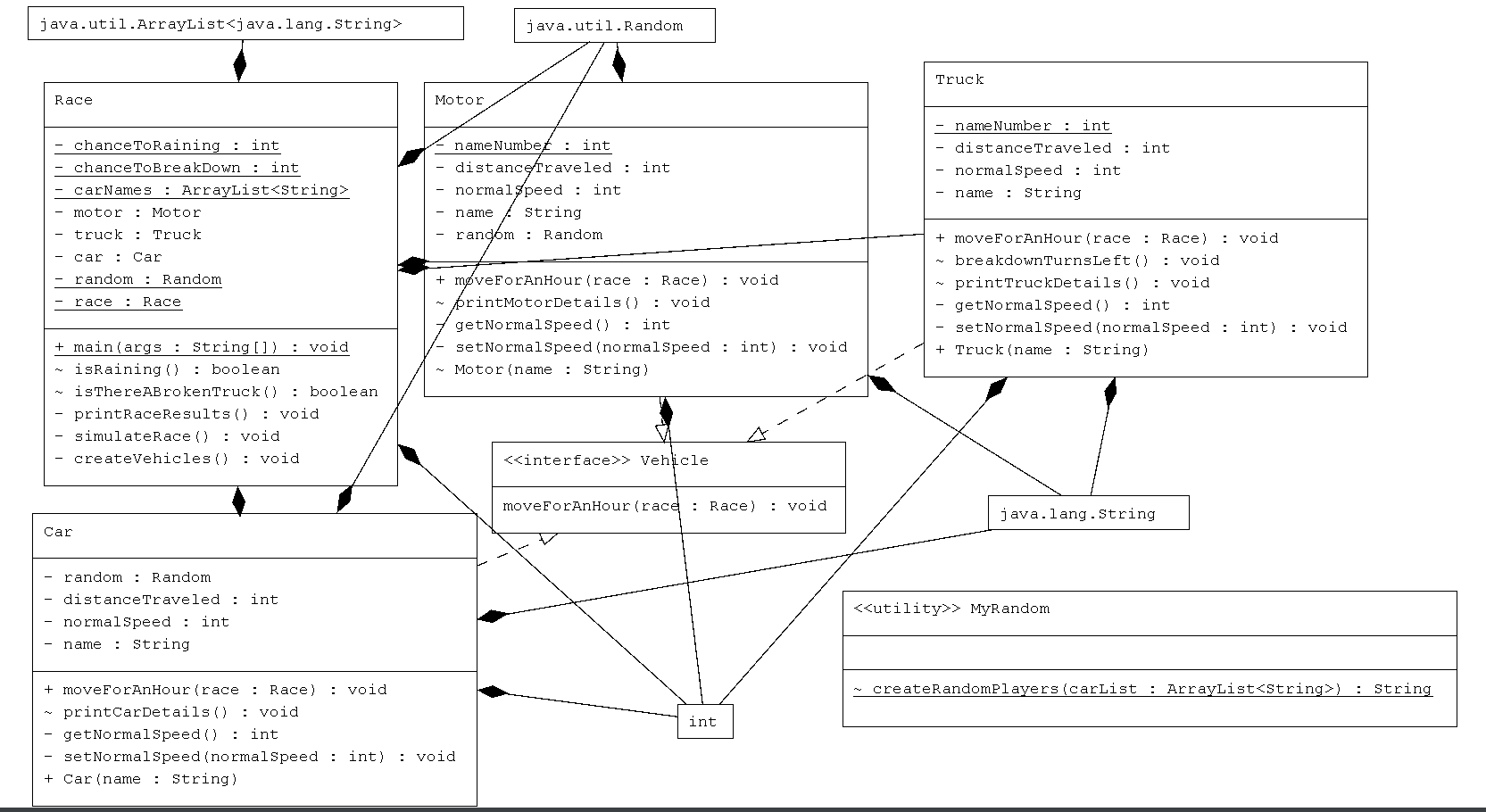
**Midterm Project**

Professor: Dhrgam AL Kafaf

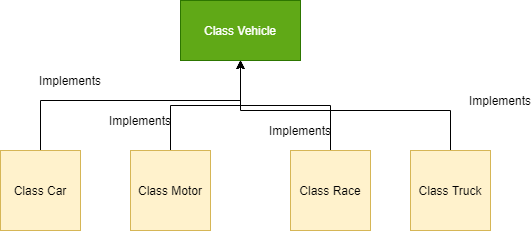
Valencia College

Student: Alaa Alshaikhli

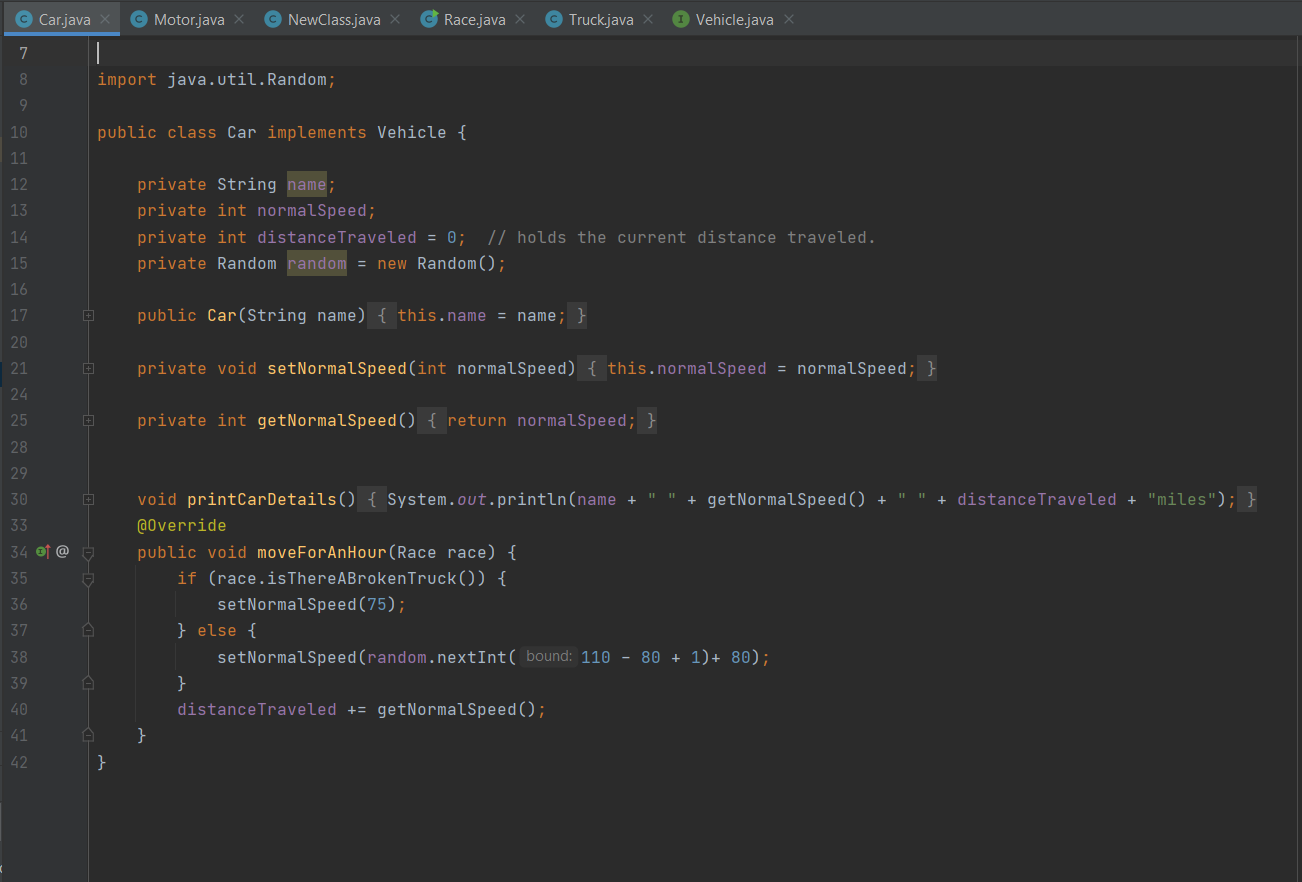
# UML Diagram

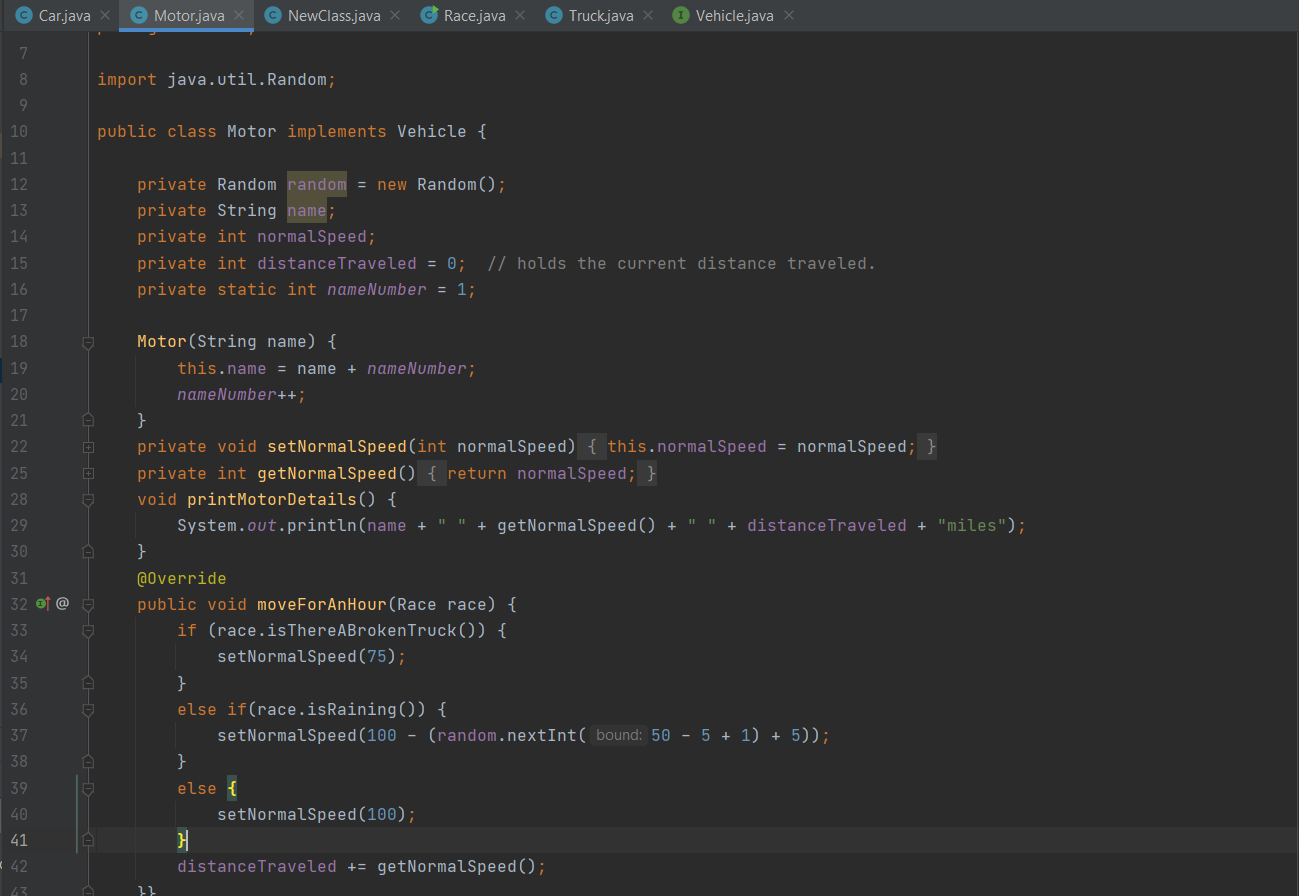


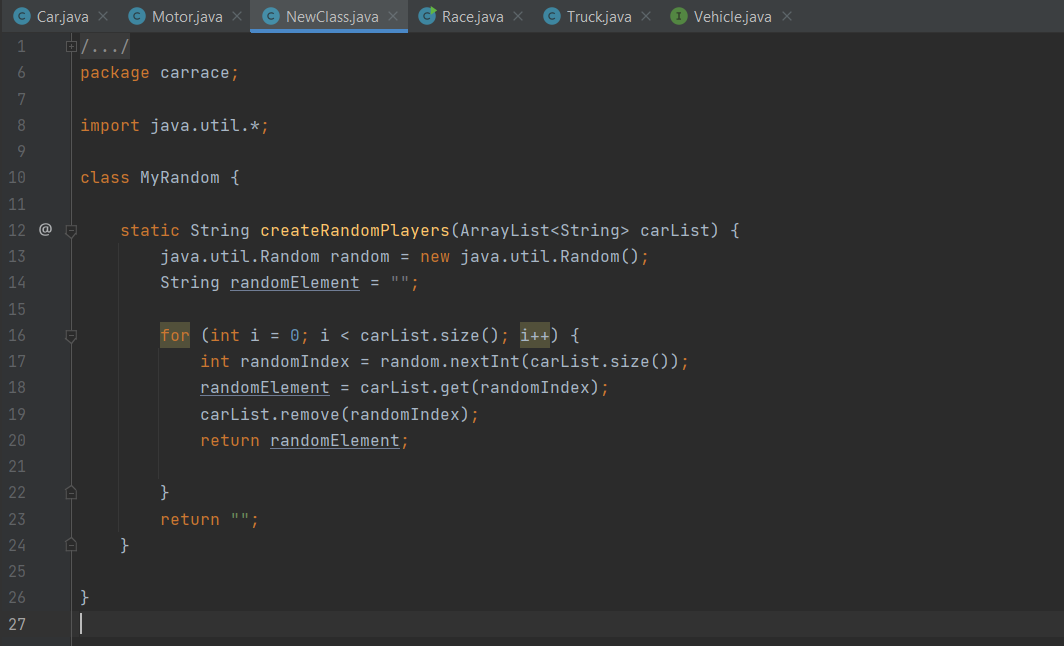
# Inheritance hierarchy

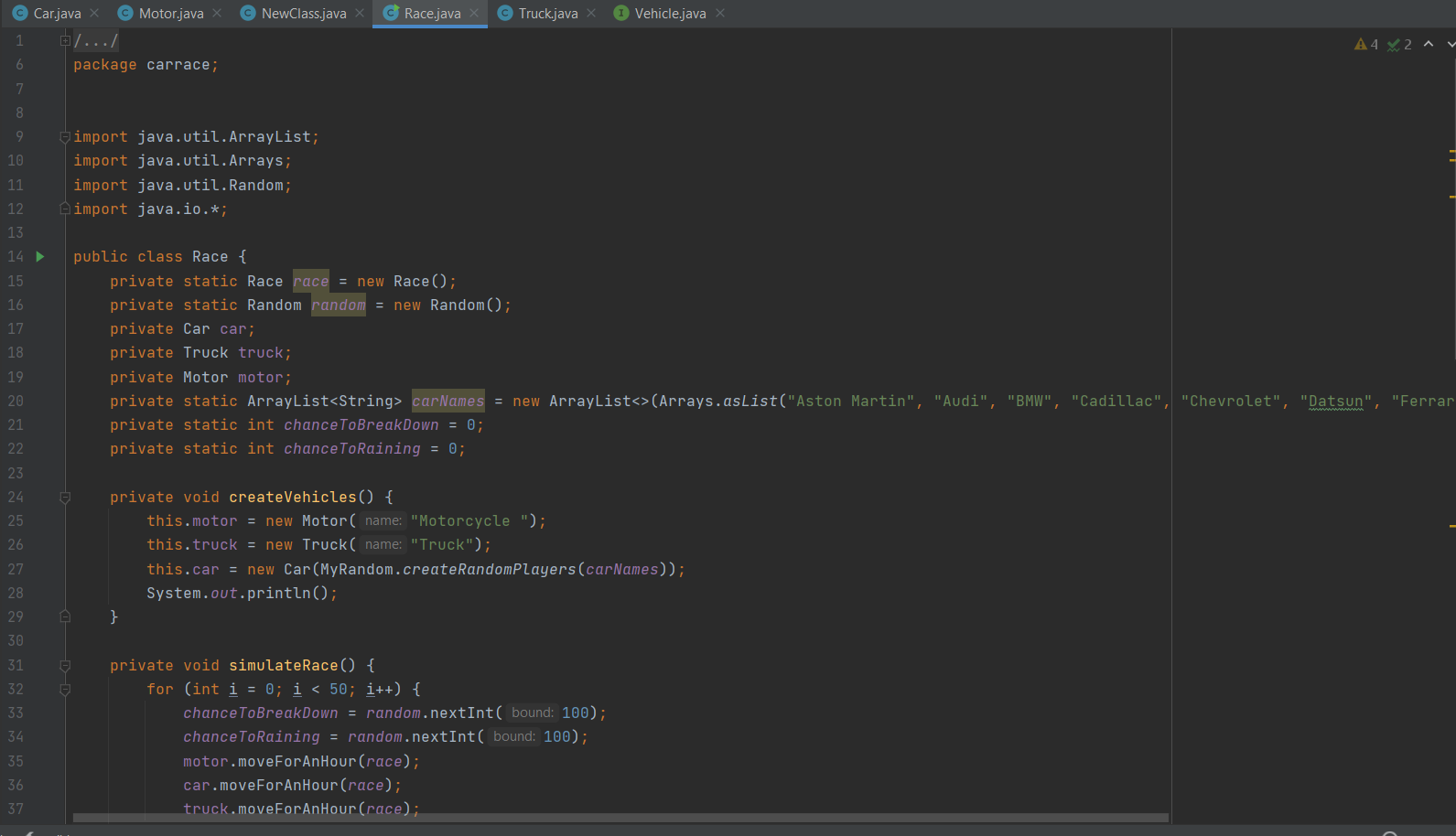


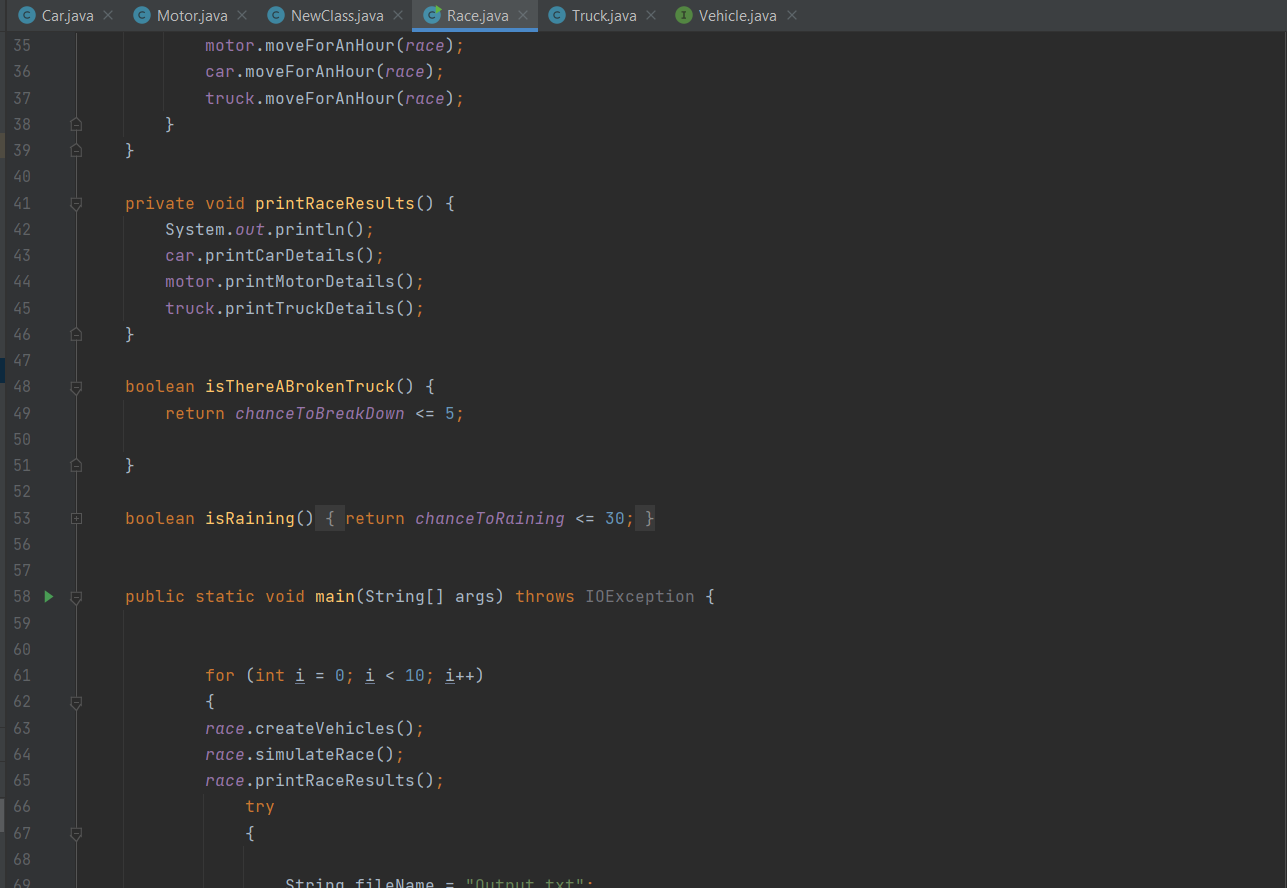
# Java Program code

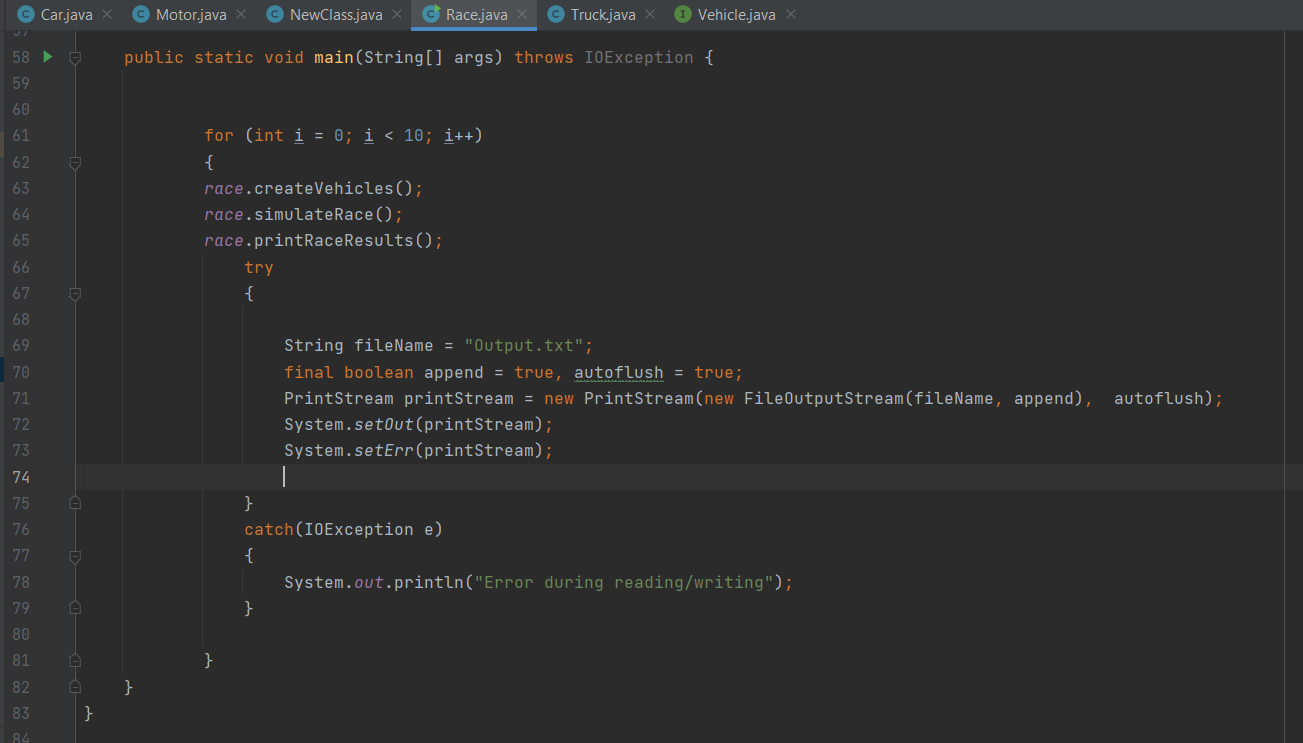


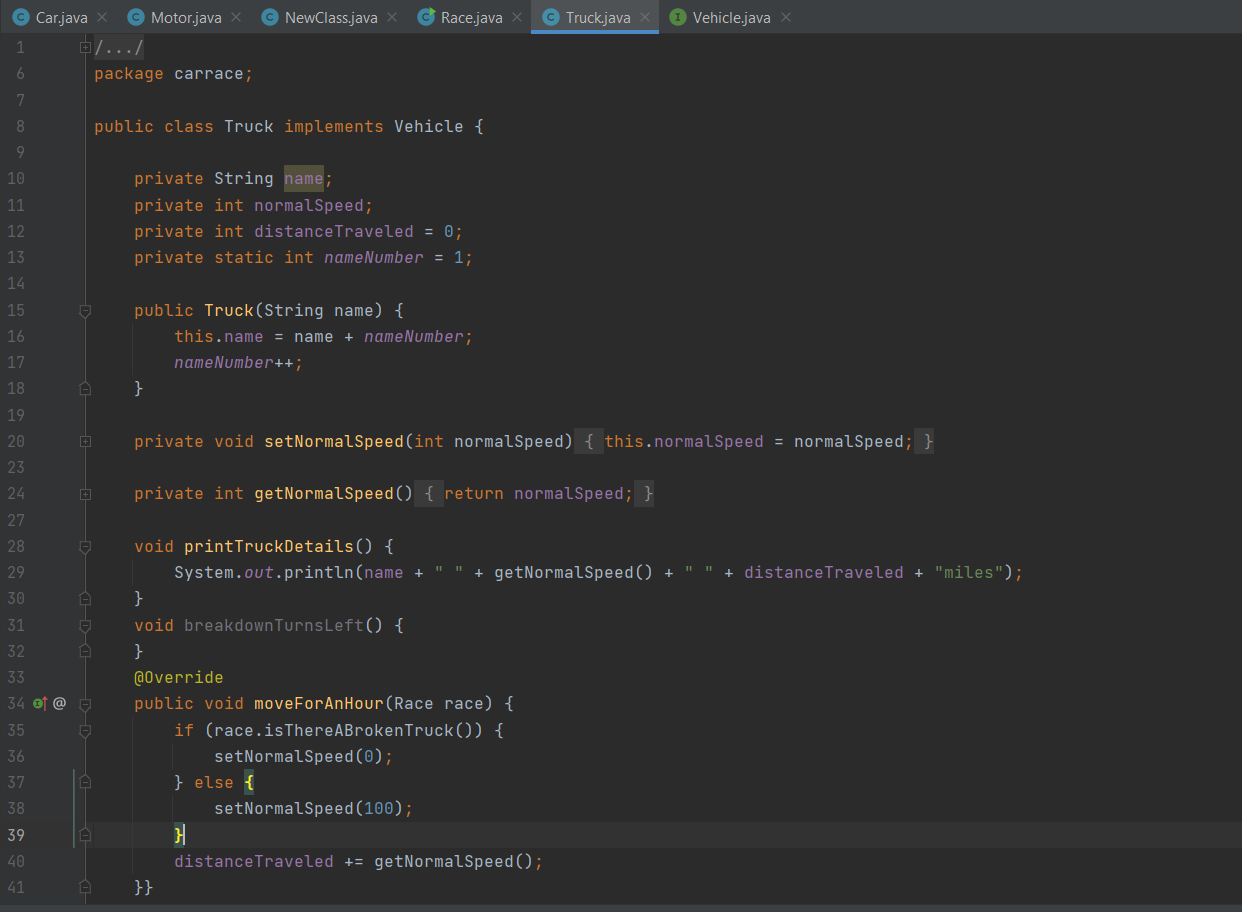


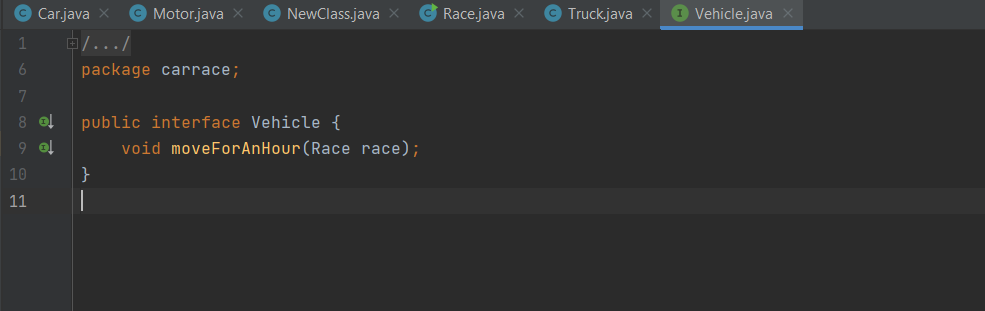






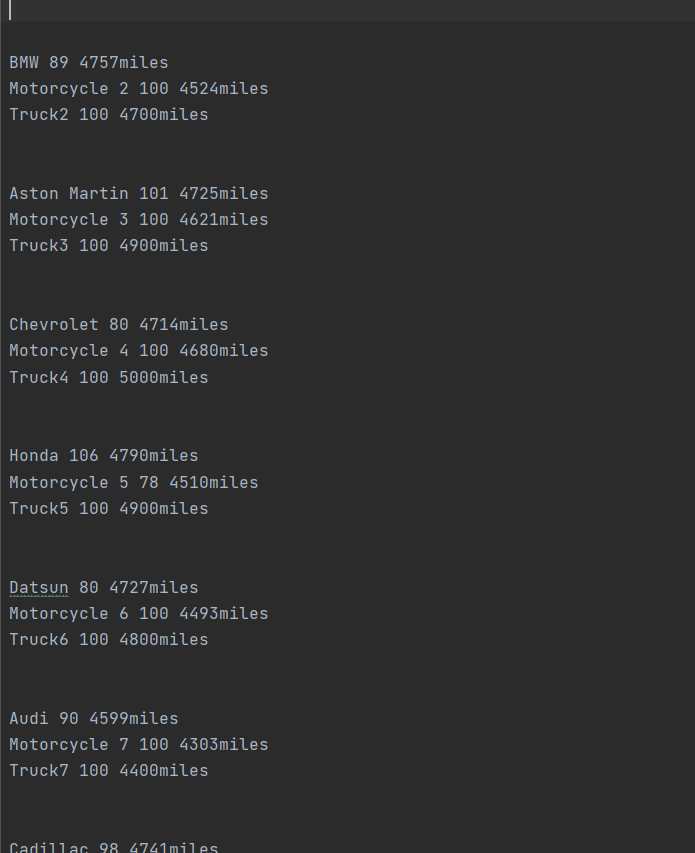


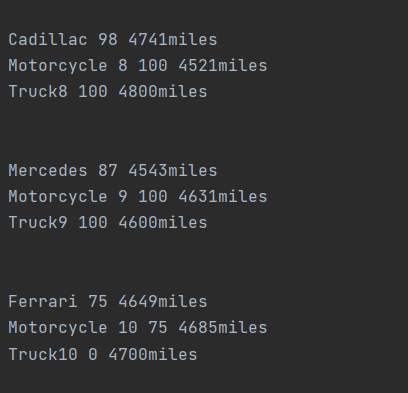




# OUTPUT

## Loop 1:





## Loop 2:

