Structure Chart

String returnUnit()

void main(String[] args)

double convertUnits (double carUnit, String fromUnit, String toUnit)

String numFormat(double num)

Flow Chart

print tank capacity and fuel remaining

display fuel to fill in units of measure for car, pump, and driver

convert fuel to fill into the units for the pump and driver

calculate fuel to fill using tank capacity minus fuel remaining

call main method

randomly generate tank capacity and fuel remaining

print units of measure for car, pump, and driver

randomly generate units of measure for car, pump, and driver