1. Create an arrayList of objects object called cO2 that inputs gasoline use, electricity use, electricity price, number of people in the home, household waste, waste recycled(paper, plastic, glass, and cans), and incandescent bulb use to the default constructor of the CO2Footprint class.
2. CO2Footprint finds the CO2 produced by gasoline use, electricity, and waste.
3. CO2Footprint adds all the CO2 produced and subtracts the amount of CO2 reduced by recycling and incandescent bulb use to find the carbon footprint.
4. arrayList is printed in the main method of the CO2FootprintTester class.

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| CO2Footprint |
| <<Instance variables>>  - double myGas  - double myElectricBill  - double myElectricPrice  - int myPeople  - boolean myPaper  - boolean myPlastic  - boolean myGlass  - boolean myCans  - int myBulbs  - double myGasEmissions  - double myElectricEmissions  - double myWasteEmissions  - double myReductionFromRecycling  - double myReductionFromBulbs  - double myNetCO2Emissions |
| <<Constructor>>  + CO2Footprint()  <<Methods>>  + public double calcCO2FromGas()  + public double calcCO2FromElectric()  + public double calcCO2FromWaste()  + public double calcCO2ReductionFromRecycling()  + public double calcCO2ReductionFromBulbs()  + public double calcNetCO2Emissions() |