// A class that computes the sample statistics of the ages of

// family members.

public class FamilyStats

{

public static void main(String[] args)

{

/\*

math equations obtained from: \*/

http://mathworld.wolfram.com/SampleVariance.html

// define some ages

***There’s a semicolon instead of a comma in the line below (change to a comma)***

int momsAge= 42; dadsAge= 43;

int myAge= 22, sistersAge= 16;

int dogsAge= 6;

// get the mean

***dogsAge is capitalized, which is wrong because it’s declared as dogsAge, not DogsAge***

double ageSum = (momsAge + dadsAge + myAge + sistersAge + DogsAge);

***The line below is missing a semicolon at the end, which ends a line in Java***

double average = ageSum / 5

***Missing a / on this comment (add another /)***

/ calculate the sample variance

double variance= 0.0;

variance += (momsAge - average)\*(momsAge - average);

variance += (dadsAge - average)(dadsAge - average);

variance += (myAge - average)\*(myAge - average);

variance += (sistersAge - average)\*(sistersAge - average);

variance += (dogsAge - average)\*(dogsAge - average);

variance = variance / 4;

// get the std. dev

double standardDev= Math.sqrt(variance);

// output the results

***The printed part below is missing quatations, so it would not compile correctly***

System.out.println(The sample age mean is: + average);

System.out.println("The sample age variance is: " + variance);

System.out.println("The sample age standard deviation is: " + standardDev);

}

***Missing bracket?***

***The biggest problem in the code is that Jenny tried to divide two integers but the math would actually be correct if she used two doubles to divide.***