### AVERAGE NUMBER

import java.io.\*;

import java.util.Scanner;

/\*\*

\* AverageNum class that calculates the average number from the list of numbers.

\*/

public class AverageNum

{

public static void main(String[] args){

// List of monthly rainfall values in decimal

double [] list = {1.5,2.1,3.5,3.9,4.6};

// Calling the calculateAverage method and passing the monthly rainfall array as an argument.

calculateAverage (list);

}

/\*\*

\* Method for calculating the average of the monthly rainfall array.

\*/

public static void calculateAverage(double [] list){

double average = 0;

double sum = 0;

for (int i = 0; i<list.length; i++) {

sum += list[i];

}

average = sum/list.length;

System.out.println("The average monthly rainfall is "+average);

}

}

### MUSIC ORGANIZER

/\*\*

\* Remove a file from the collection.

\* @param index The index of the file to be removed.

\*/

public void displayCollectionWeek7(){

for (String filename : files)

{

System.out.println(filename);

}

System.out.println(files.size());

}