Array Lab

OBJECTIVE: To gain experience using Java's special array object. Arrays are used to hold like information. Arrays can store primitives and objects. Once arrays are assigned they cannot be resized.

Please create 1 file called ArrayLab. In that file you will write methods that represent each one of the objectives below. See KristensArrayExamples and MultiDimExample for help. When the methods are complete you will create the main method, create a new ArrayLab object and invoke each of the methods you created.

a.) In a method declare an array that stores the values from 1 to 10. Initialize and print the values using a single for loop.

b.) In a method declare an array that stores the names of your family. You should declare and initialize the values using the short hand method. Use a for loop to print out the values

c.) In a method declare an array that stores 4 lucky numbers. You should add the values long hand. You will need to use a for loop to print the values

d.) In a method declare a multidimensional array that will store the times tables up through 10. You will need to use 2 for loops to store the values and print them out. Please see the example MultiDimExample specifically the setClock method.