**ArrayPrac.java**

**Directions:**

* Store the integers 2,4,6,8,1,3,5,7 into an array using an initializer list.
* Create a second array of the same length as the first (**Do not use “8” as the size when declaring this array. Access the length of the first array and pass that as the length of the second array)**
* Ask the user to enter a number and an operation; add subtract, multiply, or divide.
* Perform the input operation on each element of the first array and store the result in the second array.
* Print the results on the screen as shown below.

Enter a number: 2

Enter an operation add, subtract, multiply, or divide: divide

Number Original New

1 2 1.0

2 4 2.0

3 6 3.0

4 8 4.0

5 1 0.5

6 3 1.5

7 5 2.5

8 7 3.5