9.Writing a program in Java to verify implementation of arrays

public class ArrayExample {

public static void main(String[] args) {

// Declare an array of integers

int[] numbers = new int[4];

// Assign values to the array elements

numbers[0] = 100;

numbers[1] = 200;

numbers[2] = 300;

numbers[3] = 400;

// Print out the values in the array

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

System.out.println("Element " + i + " = " + numbers[i]);

}

}

}

OUTPUT:

Element 0 = 100

Element 1 = 200

Element 2 = 300

Element 3 = 400