

## 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