Array Review Worksheet

1. What is an array in Java?

2. Declare a 2-dimensional array called **table** of base type **int** with 4 rows and 5 columns in each row.

3. Write two printArray methods such that the method name is overloaded. One method should print a 1D array and the other should print a 2D array.

4. Write some Java code that will declare an array named **entry** that has length 3, has SalesAssociate as its base type, and is filled with 3 identical records. The records use the name "Jane Doe" and sales of $5000. Use a **for** loop.

   Assume the SalesAssociate class looks like the following:

```java
public class SalesAssociate
{
        private String name;
        private double sales;
        public SalesAssociate(String initialName, double initialSales)
        {
                this.name = initialName;
                this.sales = initialSales;
        }
}
```

5. Consider the list {13, 9, 15, 2}. Show the list after each iteration of the outer loop for bubble and selection sorting algorithms.

   Bubble   Selection

   13   9   15   2   13   9   15   2