

# **BCS 345 Lab – Array – Sales**

## ***Overview***

Use arrays of primitive and reference types.

## ***Part 1***

### **Main Class**

Do the following in the main method:

- Create an array of double to hold 4 sales amounts.
- Put data into each element of the array.
- Show all array data on screen (USE A LOOP).
- Calculate the average of all data in the array (USE A LOOP).
- Show the avg on screen.

## ***Part 2***

### **Employee Class**

Member Variables: name, salesAmount.

Member Methods:

- Write get/set methods for each member variable.
- Write a constructor that takes two parameters.

### **Main Class**

Do the following in the main method:

- Create an array of Employee to hold 4 Employee instances.
- Put data into each element of the array.
- Show all array data on screen (USE A LOOP).
- Calculate the average of all employee sales in the array (USE A LOOP).
- Show the avg on screen.

## ***Part 3***

### **Main Class**

Do the following in the main method:

- Write code to find the Employee with a given name and show their sales amount on screen.