

Programming Assignment 10-1

Use the `MyBST` class in the `bst` package and the classes in the `employeebst` package to write a little application in which `Employee` instances are stored in a BST, ordered by name.

To begin, create a class `EmployeeBST` that behaves essentially the same way as the `MyBST` class, except instead of `Integers`, the data in each tree node is an `Employee` instance. `Employee` instances should be compared using the `NameComparator` class; pass this in as an argument to the constructor of the `EmployeeBST` class. The `compareTo` method in `MyBST` will now be replaced by calls to `compare` in the `NameComparator` instance.

The other classes have been created for you. The code you will need in the `EmployeeDriver` class is in the `main` method, but has been commented out, since it refers to the `EmployeeBST` class; once you have written the code for `EmployeeBST`, you can uncomment and run the code. The `EmployeeDriver` class populates your BST and then prints the tree; the values will appear in sorted order.