Write a class named Employee that has the following fields:

* name. The name field references a String object that holds the employee’s name.
* idNumber. The idNumber is an int variable that holds the employee’s ID number.
* department. The department field references a String object that holds the name of the department where the employee works.
* position. The position field references a String object that holds the employee’s job title.
* salary. The salary field is a double variable that holds the Employee’s annual salary (salary must be between 0 and 90,000 inclusive. Any data outside this range must assign a value of 0.0 to salary)

The class should have the following constructors:

* A constructor that accepts the following values as arguments and assigns them to the appropriate fields: employee’s name, employee’s ID number, department, position, and salary.
* A constructor that accepts the following values as arguments and assigns them to the appropriate fields: employee’s name and ID number. The department and position fields should be assigned an empty string (“”) and salary should be assigned 0.0
* A no-arg constructor that assigns empty strings (“”) to the name, department, and position fields, and 0 to the idNumber, and salary field.

Write appropriate mutator methods that store values in these fields and accessor methods that return the values in these fields.

Once you have written the class, write a separate program (***EmployeeApp.java***) that creates three Employee objects to hold the following data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **ID Number** | **Department** | **Position** | **Salary** |
| Susan Meyers | 47899 | Accounting | VP | 89000 |
| Mark Jones | 39119 | IT | Programmer | 67000 |
| Joy Rogers | 81774 | Manufacturing | Engineer | 66000 |

The program should store this data in the three objects and then display the data for each employee on the screen. Make sure to test “salary must be between 0 and 90,000 inclusive” constraint in your EmployeeApp.java program.