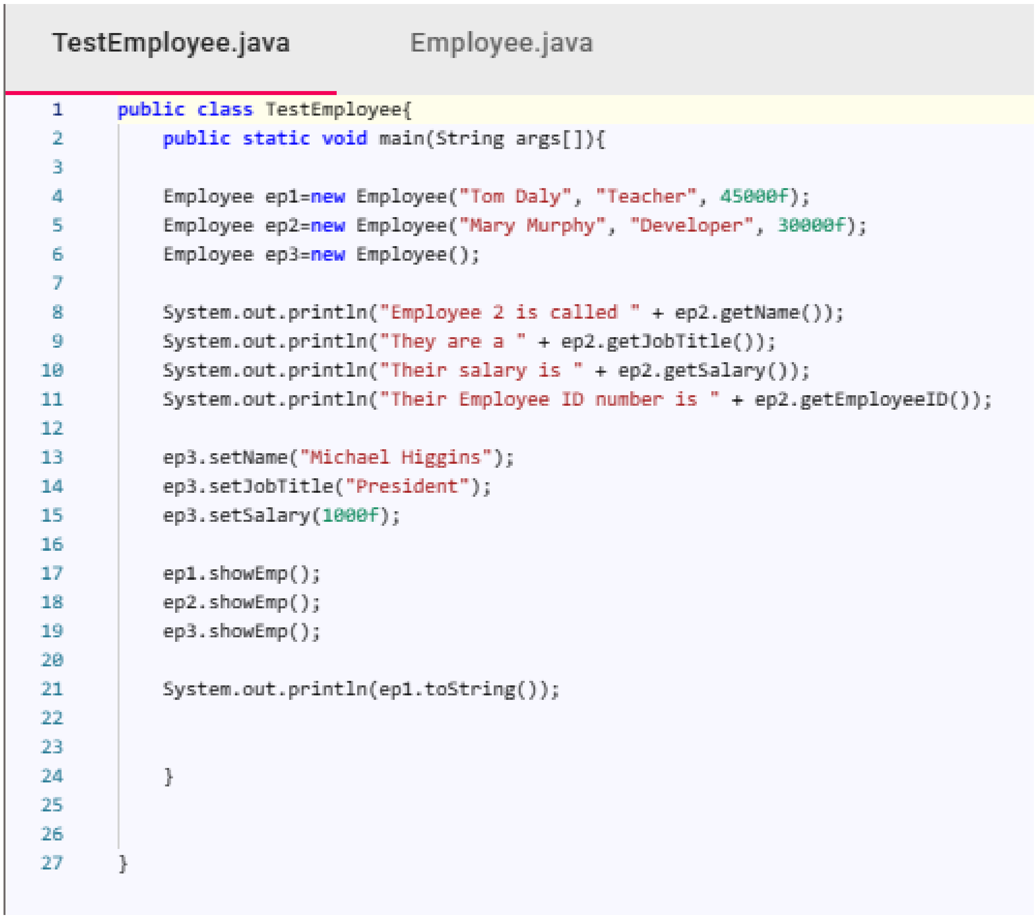
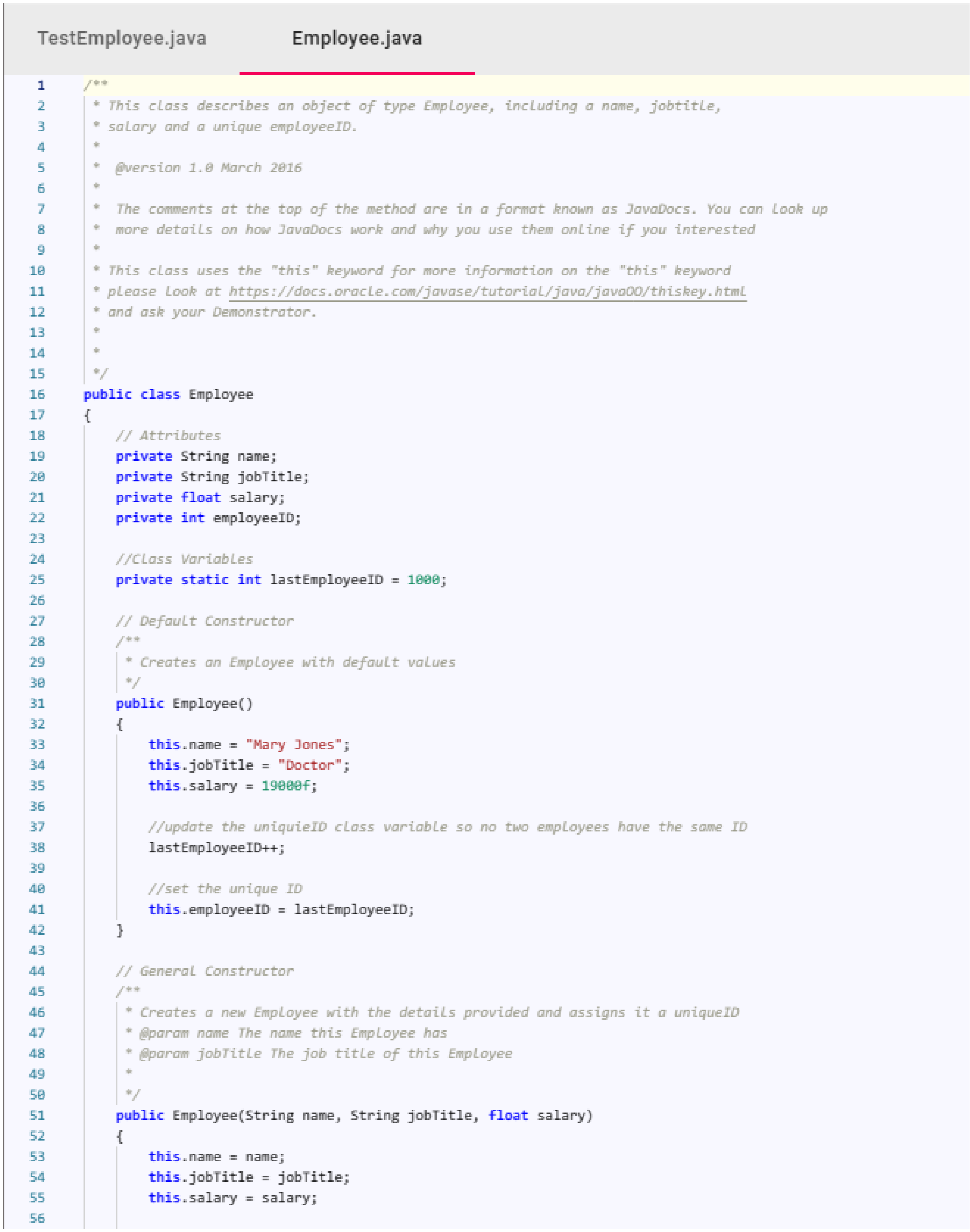
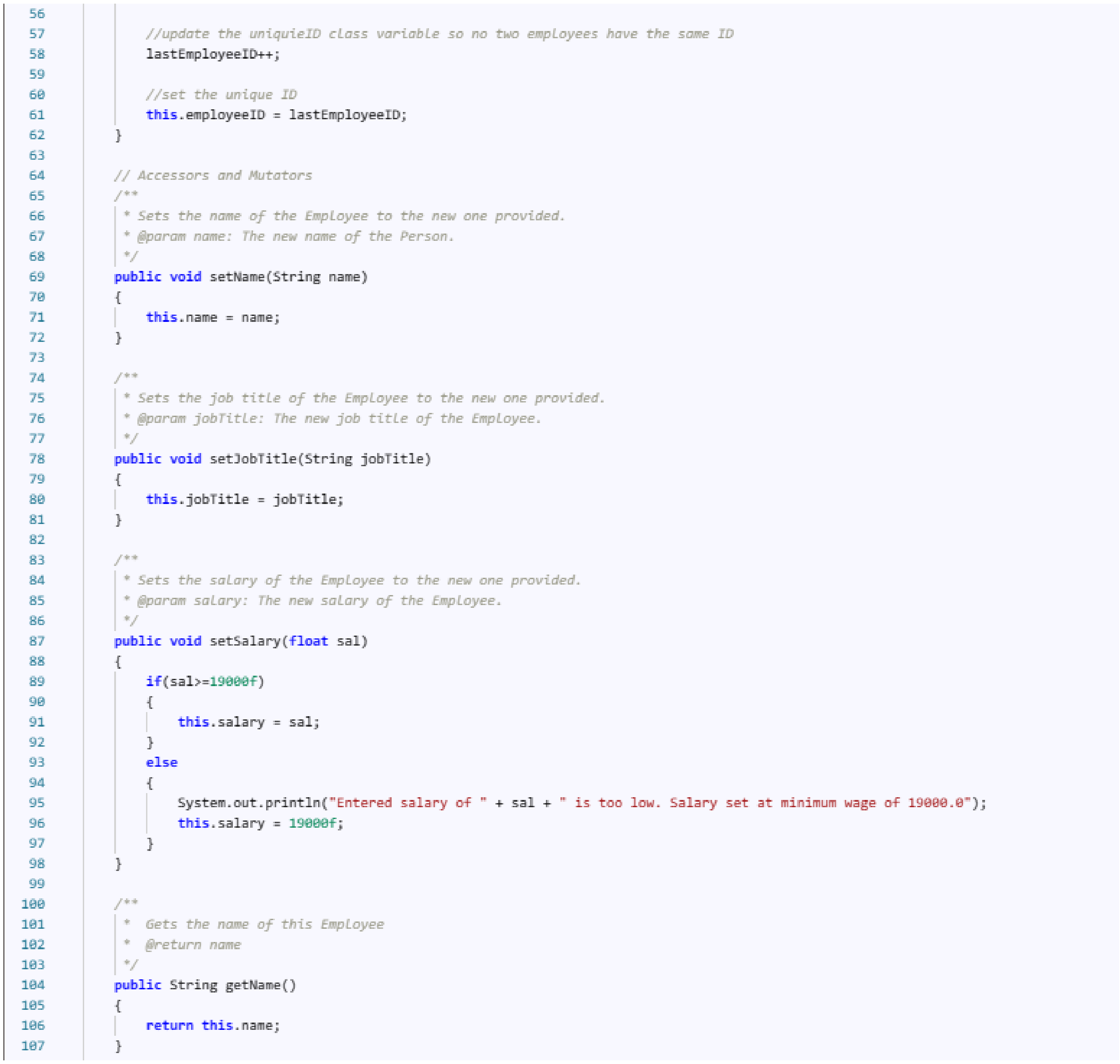


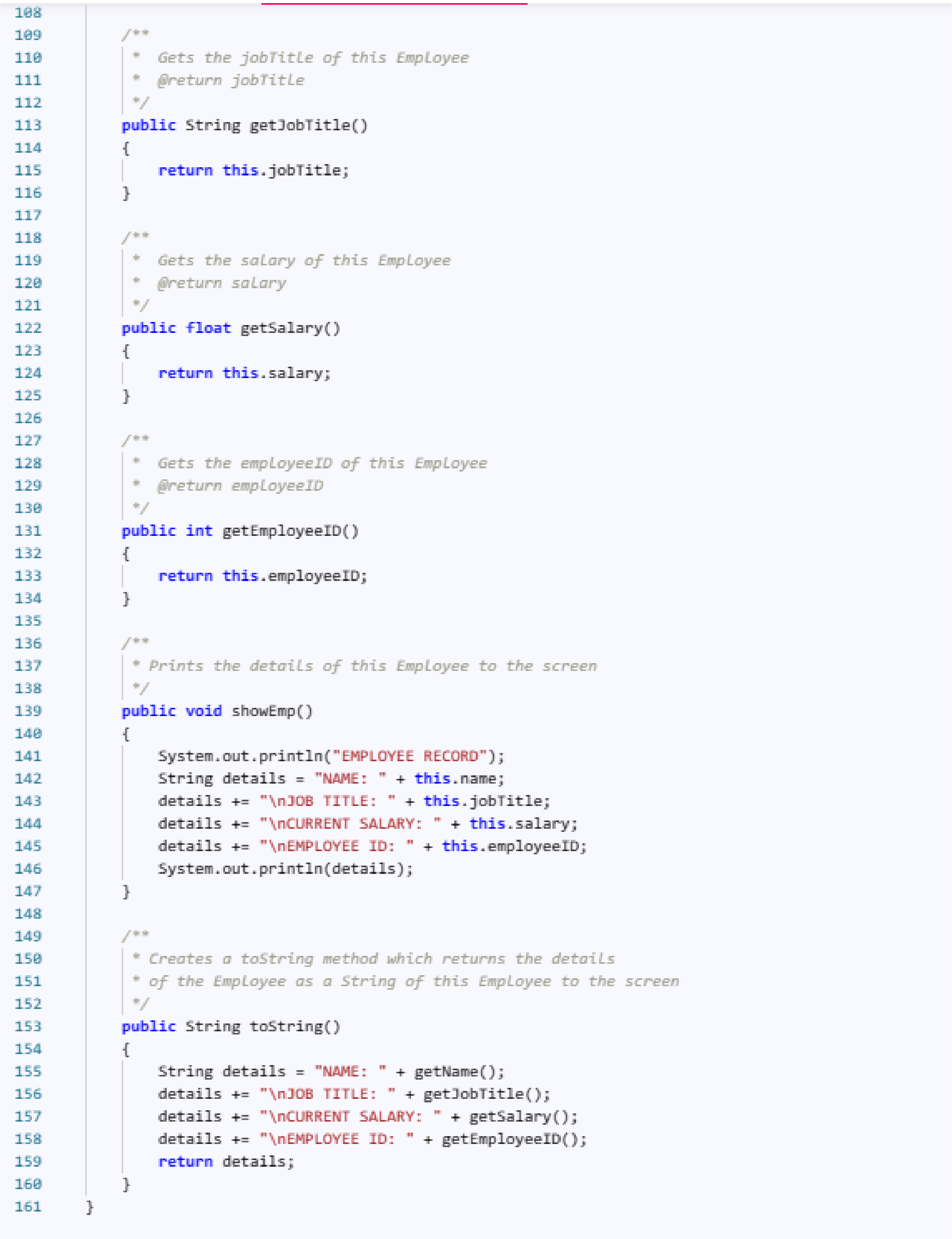
```java
public class TestEmployee{
    public static void main(String args[]){

    Employee ep1=new Employee("Tom Daly", "Teacher", 45000f);
    Employee ep2=new Employee("Mary Murphy", "Developer", 30000f);
    Employee ep3=new Employee();

    System.out.println("Employee 2 is called " + ep2.getName());
    System.out.println("They are a " + ep2.getJobTitle());
    System.out.println("Their salary is " + ep2.getSalary());
    System.out.println("Their Employee ID number is " + ep2.getEmployeeID());

    ep3.setName("Michael Higgins");
    ep3.setJobTitle("President");
    ep3.setSalary(1000f);

    ep1.showEmp();
    ep2.showEmp();
    ep3.showEmp();

    System.out.println(ep1.toString());


    }


}
```



```java
/**
 * This class describes an object of type Employee, including a name, jobtitle,
 * salary and a unique employeeID.
 *
 *  @version 1.0 March 2016
 *
 *  The comments at the top of the method are in a format known as JavaDocs. You can look up
 *  more details on how JavaDocs work and why you use them online if you interested
 *
 * This class uses the "this" keyword for more information on the "this" keyword
 * please look at https://docs.oracle.com/javase/tutorial/java/javaOO/thiskey.html
 * and ask your Demonstrator.
 *
 *
 */
public class Employee
{
    // Attributes
    private String name;
    private String jobTitle;
    private float salary;
    private int employeeID;

    //Class Variables
    private static int lastEmployeeID = 1000;

    // Default Constructor
    /**
     * Creates an Employee with default values
     */
    public Employee()
    {
        this.name = "Mary Jones";
        this.jobTitle = "Doctor";
        this.salary = 19000f;

        //update the uniquieID class variable so no two employees have the same ID
        lastEmployeeID++;

        //set the unique ID
        this.employeeID = lastEmployeeID;
    }

    // General Constructor
    /**
     * Creates a new Employee with the details provided and assigns it a uniqueID
     * @param name The name this Employee has
     * @param jobTitle The job title of this Employee
     *
     */
    public Employee(String name, String jobTitle, float salary)
    {
        this.name = name;
        this.jobTitle = jobTitle;
        this.salary = salary;

```



```java

        //update the uniquieID class variable so no two employees have the same ID
        lastEmployeeID++;

        //set the unique ID
        this.employeeID = lastEmployeeID;
    }

    // Accessors and Mutators
    /**
     * Sets the name of the Employee to the new one provided.
     * @param name: The new name of the Person.
     */
    public void setName(String name)
    {
        this.name = name;
    }

    /**
     * Sets the job title of the Employee to the new one provided.
     * @param jobTitle: The new job title of the Employee.
     */
    public void setJobTitle(String jobTitle)
    {
        this.jobTitle = jobTitle;
    }

    /**
     * Sets the salary of the Employee to the new one provided.
     * @param salary: The new salary of the Employee.
     */
    public void setSalary(float sal)
    {
        if(sal>=19000f)
        {
            this.salary = sal;
        }
        else
        {
            System.out.println("Entered salary of " + sal + " is too low. Salary set at minimum wage of 19000.0");
            this.salary = 19000f;
        }
    }

    /**
     *  Gets the name of this Employee
     *  @return name
     */
    public String getName()
    {
        return this.name;
    }
```



```java

    /**
     *  Gets the jobTitle of this Employee
     *  @return jobTitle
     */
    public String getJobTitle()
    {
        return this.jobTitle;
    }

    /**
     *  Gets the salary of this Employee
     *  @return salary
     */
    public float getSalary()
    {
        return this.salary;
    }

    /**
     *  Gets the employeeID of this Employee
     *  @return employeeID
     */
    public int getEmployeeID()
    {
        return this.employeeID;
    }

    /**
     * Prints the details of this Employee to the screen
     */
    public void showEmp()
    {
        System.out.println("EMPLOYEE RECORD");
        String details = "NAME: " + this.name;
        details += "\nJOB TITLE: " + this.jobTitle;
        details += "\nCURRENT SALARY: " + this.salary;
        details += "\nEMPLOYEE ID: " + this.employeeID;
        System.out.println(details);
    }

    /**
     * Creates a toString method which returns the details
     * of the Employee as a String of this Employee to the screen
     */
    public String toString()
    {
        String details = "NAME: " + getName();
        details += "\nJOB TITLE: " + getJobTitle();
        details += "\nCURRENT SALARY: " + getSalary();
        details += "\nEMPLOYEE ID: " + getEmployeeID();
        return details;
    }
}
```