import static org.junit.Assert.\*;  
import org.junit.Test;  
  
public class EmployeeSalaryTest {  
  
  
 @Test(expected = IllegalArgumentException.class)  
 public void testInvalidYearsOfService() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 salaryCalculator.calculateSalary(-1, 50000, 4);  
 }  
  
 @Test(expected = IllegalArgumentException.class)  
 public void testInvalidPerformanceRatingTooHigh() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 salaryCalculator.calculateSalary(5, 50000, 6);  
 }  
  
 @Test(expected = IllegalArgumentException.class)  
 public void testInvalidPerformanceRatingTooLow() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 salaryCalculator.calculateSalary(5, 50000, -1);  
 }  
  
 @Test(expected = IllegalArgumentException.class)  
 public void testInvalidBasicSalary() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 salaryCalculator.calculateSalary(5, 0, 4);  
 }  
  
 @Test  
 public void testYearsOfServiceGreaterThanTen() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 double result = salaryCalculator.calculateSalary(11, 50000, 4);  
 *assertEquals*(55000.0, result, 0.01);  
 }  
  
 @Test  
 public void testValidYearsOfServiceLowerThanFiveAndValidPerformanceRating() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 double result = salaryCalculator.calculateSalary(4, 50000, 4);  
 *assertEquals*(50000.0, result, 0.01);  
 }  
  
 @Test  
 public void testValidPerformanceRatingLowerThanThree() {  
 EmployeeSalary salaryCalculator = new EmployeeSalary();  
 double result = salaryCalculator.calculateSalary(4, 50000, 2);  
 *assertEquals*(47500.0, result, 0.01);  
 }  
  
}