import static org.junit.jupiter.api.Assertions.\*;  
import org.junit.jupiter.params.ParameterizedTest;  
import org.junit.jupiter.params.provider.CsvSource;  
  
  
class EmployeeSalaryTest {  
  
 private final EmployeeSalary employeeSalary = new EmployeeSalary();  
  
 @ParameterizedTest(name = "yearsOfService={0}, basicSalary={1}, performanceRating={2}, expectedSalary={3}")  
 @CsvSource({  
 "11, 1000, 4, 1100.0",  
 "5, 1000, 4, 1050.0",  
 "2, 1000, 4, 1000.0",  
 "2, 1000, 2, 950.0"  
 })  
 void testCalculateSalary\_ValidInputs(int yearsOfService, double basicSalary, double performanceRating, double expectedSalary) {  
 *assertEquals*(expectedSalary, employeeSalary.calculateSalary(yearsOfService, basicSalary, performanceRating));  
 }  
 //valid  
 @ParameterizedTest  
 @CsvSource({  
 "-1, 500, 3",  
 "5, 0, 3",  
 "5, 500, 6",  
 "5, 500, -1"  
 })  
 void testCalculateSalary\_InvalidInputs(int yearsOfService, double basicSalary, double performanceRating) {  
 *assertThrows*(IllegalArgumentException.class, () -> employeeSalary.calculateSalary(yearsOfService, basicSalary, performanceRating));  
 }  
 //invalid  
}