<u>Write Tests for these functions</u>

1. Create a function calculateTotal() that:

- Accepts an array of product objects
- Calculates total price with conditions:
- Apply 10% discount for total over $100
- Add 8% sales tax
- Handle potential edge cases

2. **Create a function calculateEmployeePay()**

- Calculates net pay based on:
- Base salary
- Hours worked
- Overtime rates
- Tax deductions
- Apply complex payroll rules:
- Overtime pay (1.5x rate for >40 hours)
- Progressive tax brackets
- Social security contributions

3. **Develop a function applyCartDiscounts() that:**

- Process shopping cart items
- Apply multiple discount rules:
- Quantity-based discounts
- Product category discounts
- Seasonal promotions
- Coupon code validations
- Calculate final cart total

4. write a function that consumes the JsonPlaceHolder Post API and write tests for it.

Submit a GitHub link by 5: 00 P.M, on the excel sheet , I Will lock it after that.