1) SQL:

You are having below 2 tables:

Employee

EmpID (PK) (int)	EmpName (varchar)	Date_of_birth (Date)

Salary

EmpID (PK) (FK)	Salary

The data type and constraints for Employee table is:
EmpID: Int (Primary key)
EmpName: char
Date_of_birth: Date

The data type and constraints for Salary table is:
EmpID: Int (Primary key) (Foreign key)
Salary: int

a> Write an SQL query to find nth largest salary along with employee name.
b> Write a query to update salary of employees to 5000 whose age is 30+

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2) Test Scenarios:

Write all the possible test scenarios **"To apply Promo code"**. Promo code will give a discount of 30% (on the total billing amount) to the new user once applied on a minimum transaction of Rs. 1000 and above. Below are some specifications for the promo code:

Promo: NEW30
Character limit: 7
Maximum cap: Rs. 300

* Make any possible assumptions if required. Do mention those assumptions (if made any) before writing the test scenarios.

** Write all positive, negative and edge case scenarios.

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3) Coding:

> Write a program to find the first 100 Prime numbers. Write in either Java or Node.
> Now write all possible test cases to test your program. (Manual test cases: covering both positive and negative scenarios)

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4) API Automation:

Below is a GET API to fetch upcoming movies in Paytm.

https://apiproxy.paytm.com/v2/movies/upcoming

Automate the above API using an automation framework like Rest Assured etc. Make all the following assertions to Pass/Fail your test case:
1. **Status code**
2. **Movie release date**: should not be before today's date
3. **Movie Poster URL**: should only have **.jpg** format
4. **Paytm movie code:** is unique
5. No movie code should have more than 1 language format

Then write down the name of all the movies (in an excel file) whose **content available is 0**. You can use library like Apache POI to write in excel

● Please create a Github/Bitbucket **public repo** and share the URL along with the assignment. Use proper timely commits