1. Write a pytest to compute the sum of two numbers with folder structure for maintaining
2. What is Data reconciliation?
3. Download the 3 files from below website and filter films whose release year is 2006 and find the actor names.
4. how many letters are repeated, write a python program MISSISSIPPI

<https://github.com/prashantshukla-qa/Sakila-Database-2021/blob/main/csv/film_actor.csv>

import pandas as pd  
  
# Step 1: Read the CSV files  
df\_film = pd.read\_csv("C:/Users/Lenovo/Downloads/archive/Files/film.csv")  
df\_actor = pd.read\_csv("C:/Users/Lenovo/Downloads/archive/Files/actor.csv")  
df\_film\_actor = pd.read\_csv("C:/Users/Lenovo/Downloads/archive/Files/film\_actor.csv")  
  
# Step 2: Filter films released in 2006  
films\_2006 = df\_film[df\_film['release\_year'] == 2006]  
print(films\_2006[['film\_id','release\_year']])  
  
film\_actor\_2006 = pd.merge(films\_2006, df\_film\_actor, on='film\_id', how='inner')  
  
actors\_in\_2006 = pd.merge(film\_actor\_2006, df\_actor, on='actor\_id', how='inner')  
  
actor\_names = actors\_in\_2006[['first\_name', 'last\_name']].dropna().drop\_duplicates().sort\_values(by=['first\_name', 'last\_name'])  
  
print(actor\_names)

1. Python program for factorial and fibonnaci series/
2. For the String string ="dfhj\*&^&HJdf78786fsdhj&\*FSD\*hjh234jfsd78fsd"

Count the alphabets and numbers.

1. What is LIST comprehension in python.
2. Can we modify a tuple?

*a=(1,2,3,[4,5])  
  
print(type(a))  
a[3].append(6)  
print(type(a))*

1. How do you deal with a merge conflict in GitHub.
2. What are the source Validations performed in the S3 bucket.
3. a. Print minimum difference in list element : [1,5,3,19,18,25]
4. Code for handling exception in python
5. We have a file with abc.zip, unzip, csv, .jpeg from s3 bucket to snowflake. Write a python framework automation script.

**SQL**

1. **Sum of negative and positive numbers in sql col1: 10 -12 -82 35 -99 33 -76**
2. POSSIBLE MATCHES BETWEEN THEM.? TEAMS col in table INDIA SOUTH AFRICA ENGLAND AUSTRALIA
3. **Display the first two decimal points in the SQL query**
4. **SQL Query to List Managers and Count Their Direct Employees:**
5. **Second highest salary for each department**
6. **Write a SQL query to separate the full name into first name middle name and last name.**
7. Materialized views in snowflake
8. Medallion Architecture.
9. find sum of amount in table

amount

10$

100$

3330$