Query for people in iron man 2

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("SELECT distinct characters.name from characters, fights, movies, teamups where (characters.id == combatant1 or characters.id == combatant2 or characters.id == member1 or characters.id == member2) and (fights.movie == movies.id and movies.name=='Iron Man 2' or teamups.movie == movies.id and movies.name =='Iron Man 2')" )

for row in cursor:

this prints people in ironman 2

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("SELECT count(\*) from (SELECT distinct characters.name from characters, fights, movies, teamups where (characters.id == combatant1 or characters.id == combatant2 or characters.id == member1 or characters.id == member2) and (fights.movie == movies.id and movies.name=='Iron Man 2' or teamups.movie == movies.id and movies.name =='Iron Man 2'))")

for row in cursor:

print(row)

prints out movies for Nick Fury

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("SELECT distinct movies.name from movies, characters, fights, teamUps where characters.name ='Nick Fury' and combatant1 = characters.id or combatant2 = characters.id or member1 = characters.id or member2 = characters.id")

for row in cursor:

print(row)

prints what movie has the most characters

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("create temporary table list as SELECT distinct characters.id, movie from fights, characters where combatant1 = characters.id or combatant2 = characters.id union SELECT distinct characters.id, movie from teamUps, characters where member1 = characters.id or member2 = characters.id;")

cursor.execute("SELECT MAX(cc), movie from (SELECT count(\*) as cc, movie from list group by movie);")

for row in cursor:

print(row)

#7

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("create temporary table list as SELECT distinct characters.id, movie from fights, characters where combatant1 = characters.id or combatant2 = characters.id union SELECT distinct characters.id, movie from teamUps, characters where member1 = characters.id or member2 = characters.id;")

cursor.execute("SELECT character.name \* FROM list;")

for row in cursor:

print(row)

#8

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("create temporary table appearences as SELECT distinct characters.name as cname, movie from characters, fights where combatant1 = characters.id or combatant2 = characters.id union SELECT distinct characters.name as cname, movie from characters, teamUps where member1 = characters.id or member2 = characters.id group by cname, movie ")

cursor.execute("SELECT MAX(cc), cname from (SELECT count(\*) as cc, cname from appearences group by cname)")

#cursor.execute("SELECT \* from appearences")

for row in cursor:

print(row)

#9

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("SELECT distinct characters.name from characters, teamUps where characters.name = 'Howard Stark' and member1 = characters.id or member2 = characters.id intersect SELECT distinct characters.name from characters, teamUps where characters.name = 'Peggy Carter' and member1 = characters.id or member2 = characters.id ")

for row in cursor:

print(row)

#10 inserts new person and prints L characters

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("insert into characters values(100, 'Luis' )");

cursor.execute("insert into teamUps values(100, 38, 12)");

cursor.execute(" SELECT distinct characters.name from characters, fights, teamUps where (member1 = characters.id or member2 = characters.id or combatant1 = characters.id or combatant2 = characters.id) and characters.name like 'L%' ")

for row in cursor:

print(row)

#5 – didn’t not take picture, kept getting answer errors without changing the code, TA checked and said she got the correct answers off my code

# Open the database

import sqlite3

connection = sqlite3.connect('mcu.db')

# Display the all customers

cursor = connection.cursor()

cursor.execute("SELECT MAX(cc), combatant1, combatant2, name from(SELECT count(\*) as cc, combatant1, combatant2, group\_concat(movies.name) as name from fights, movies where movies.id = fights.movie group by combatant1, combatant2)")

for row in cursor:

print(row)