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GRADED HOMEWORK NUMBER: 2
COURSE: CS/DSA 4513 DATABASE MANAGEMENT
SECTION: ONLINE
SEMESTER: FALL 2023
INSTRUCTOR: DR. LE GRUENWALD
SCORE:

1.

```

76 SELECT *
77 FROM Movie
78
79

```

Results Messages

mname	genre	minutes	release_year	did
Alien	Sci-Fi	115	2006	3
Back to the Future	Comedy	89	2008	3
Fight Club	Drama	144	2015	2
Jurassic Park	Action	125	1984	2
Scarface	Drama	124	2003	1
Shawshank Redemption	Drama	105	2001	2
The Departed	Drama	130	1969	3
The Lion King	Animation	97	1990	1

```

82 SELECT *
83 FROM Acted
84

```

Results Messages

pid	mname
1	The Departed
2	Fight Club
3	Fight Club
4	Alien
4	Fight Club
4	Up
5	Fight Club
5	Shawshank Redemption
6	Shawshank Redemption

```

78
79 SELECT *
80 FROM Director
81
82
83

```

Results Messages

did	dname	earnings
1	Parker	580000
2	Black	2500000
3	Black	30000
4	Stone	820000

```

78
79 SELECT *
80 FROM Director
81
82
83

```



Results Messages

did	dname	earnings
1	Parker	580000
2	Black	2500000
3	Black	30000
4	Stone	820000

```

89 SELECT mname
90 FROM Movie
91 WHERE genre = 'Action'
92

```



Results Messages

mname

Jurassic Park

2.

```

95 Select genre,AVG(minutes) as avg_length_in_min
96 FROM Movie
97 Group BY genre
98

```



Results Messages

genre	avg_length_in_min
Action	125
Animation	104
Comedy	89
Drama	125
Sci-Fi	115

3.

```

76 |
77 |
78 | SELECT pname
79 | FROM Performer
80 | WHERE years_of_experience>20 and pid in(select pid
81 |                                     From Acted
82 |                                     Where mname in (SELECT mname
83 |                                                     FROM Movie
84 |                                                     Where did in (SELECT did FROM Director Where dname = 'Black' )))
85 |
86 |

```

< Results Messages

Search to filter items...

pname
Morgan
Hanks

4.

```

73 | (3,'Fight Club'),
74 | (4,'Alien')
75 |
76 |
77 |
78 | SELECT MAX(age) as max_age_Hanks_or_Departed
79 | FROM Performer
80 | WHERE pname = 'Hanks' or pid in (SELECT pid FROM Movie WHERE mname = 'The Departed')
81 |
82 |
83 |
84 |
85 |
86 |

```

< Results Messages

Search to filter items...

max_age_Hanks_or_Departed
67

5.

```

75
76
77 (Select mname FROM Movie Where genre = 'Comedy' )
78 union
79 (SELECT mname FROM Acted GROUP BY mname HAVING count(pid)>1)
80
81
82
83
84

```

Results Messages

Search to filter items...

mname
Back to the Future
Fight Club
Shawshank Redemption

6.

```

76
77 SELECT Acted.pid, pname
78 FROM Acted, Performer, Movie
79 Where Acted.pid in (SELECT pid FROM Acted GROUP BY pid HAVING COUNT(*)>1) and Performer.pid = Acted.pid and Movie.mname = Acted.mname
80 GROUP BY pname, genre, Acted.pid
81 HAVING count(*)>1
82
83
84

```

Results Messages

Search to filter items...

pid	pname
5	Hanks

7.

```

77
78 UPDATE Director SET earnings = .9*earnings
79 Where did in ( SELECT did
80 From Movie
81 Where mname = 'Up' )
82
83 SELECT *
84 From Director
85
86
87

```

Results Messages

Search to filter items...

did	dname	earnings
1	Parker	580000
2	Black	2500000
3	Black	30000
4	Stone	738000

8.


```
77 |
78 | DELETE FROM Movie
79 | WHERE release_year <=1989 and release_year>=1970
80 |
81 | SELECT *
82 | FROM Movie
83 |
84 |
85 |
```

<

Results Messages

Search to filter items...

mname	genre	minutes	release_year	did
Alien	Sci-Fi	115	2006	3
Back to the Future	Comedy	89	2008	3
Fight Club	Drama	144	2015	2
Scarface	Drama	124	2003	1
Shawshank Redemption	Drama	105	2001	2
The Departed	Drama	130	1969	3
The Lion King	Animation	97	1990	1
Up	Animation	111	1999	4

9.  Query succeeded | 0s