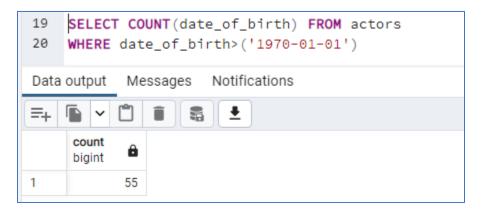
Assignment 8

PART A

1)

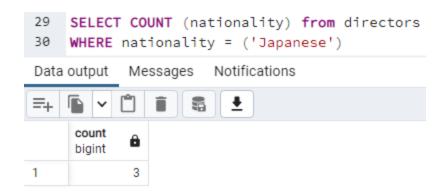


2)

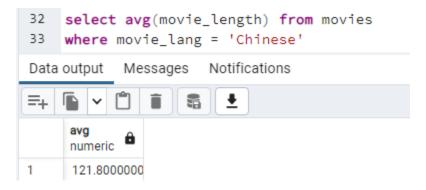


3)

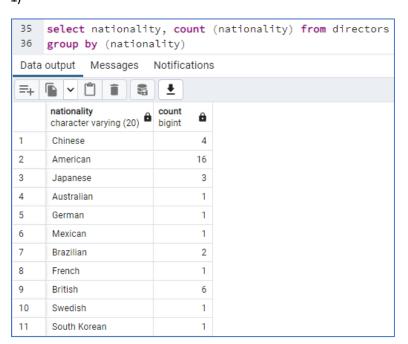
Luis Vicuna



5)



PART B



2)

```
select age_certificate, movie_lang, sum(movie_length) from movies
38
39
     group by (age_certificate,movie_lang)
40
                          Notifications
Data output
             Messages
=+
      age_certificate
                          movie_lang
                                                sum
                                                       â
                          character varying (20)
      character varying (5)
                                                bigint
                          Swedish
1
      15
                                                      128
2
      PG
                          English
                                                     1364
3
      18
                          Portuguese
                                                      145
                                                       98
4
      PG
                          Spanish
5
      18
                          Korean
                                                      130
6
      18
                          Japanese
                                                      219
7
      15
                          Chinese
                                                      113
                          Portuguese
8
      15
                                                      140
9
      U
                          English
                                                      393
                          English
                                                      929
10
      12
11
      U
                          Japanese
                                                      227
12
      18
                          English
                                                      500
```

3)

```
select movie_lang, sum(movie_length) as total from movies
39
     group by (movie_lang)
40
     HAVING (sum(movie_length)>('500'))
41
Data output
                        Notifications
            Messages
=+
     movie_lang
                                â
     character varying (20)
                         bigint
     Chinese
                               609
                              4824
2
     English
```

PART C

```
42
    select a.first_name, a.last_name
43 from movies m JOIN directors d
44 ON d.director_id=m.director_id
45 Join movies_actors m_a
46 ON m_a.movie_id=m.movie_id
47 JOIN actors a
48 ON a.actor_id = m_a.actor_id
49 where d.first_name =('Wes')
50 order by a.first_name
51
Data output Messages
                       Notifications
=+
     first_name
                        last_name
     character varying (30)
                        character varying (30)
     Adrien
1
                         Brody
2
     Adrien
                         Brody
3
     Bill
                         Murray
4
     Bill
                         Murray
5
     Brian
                         Cox
6
     Edward
                         Norton
7
                         Schwartzmann
     Jason
8
     Jason
                         Schwartzmann
9
     Jeff
                         Goldblum
10
     Jude
                         Law
11
     Luke
                         Wilson
12
                         Gamble
     Mason
```

```
101 SELECT al.first_name, al.last_name, al.date_of_birth, al.gender
102 FROM actors al
where al.date_of_birth =(select min (date_of_birth)
104
    from actors a2
105
      where al.gender = a2.gender
106 )
107
     order by gender
108
109
Data output
           Messages Notifications
=+
                          <u>*</u>
                                            date_of_birth
      first_name
                         last_name
                                                         gender
                         character varying (30) 🏝
                                                         character (1)
     character varying (30)
      Vivien
                         Leigh
                                            1913-11-05
2
      Clark
                         Gable
                                            1901-02-01
```

