

Lab06/07

Name:.Mohammad

Student id:100755461

Section:005

CRN:44762

Task1

1

A

```
1 -- Part 1A
2 select "Director"."FirstName" as "First_Name", "Director"."LastName" as "Last_Name"
3 from "Director"
4 where "Director"."Country" = 'Canada';
```

Data outputMessagesNotifications

	First_Name character varying (50) 🔒	Last_Name character varying (50) 🔒
1	Jack	Shen
2	David	Lynch
3	Jack	thomas

B

```
-- Part 1B
select "DirectorCast"."MovieName"
from "DirectorCast" inner join "Director" on "DirectorCast"."DirectorID" = "Director"."DirectorID"
where "Director"."FirstName" = 'David' and "Director"."LastName" = 'Lynch';

-- Part 1C
select "Movie"."MovieName", "Actor"."FirstName", "Actor"."LastName", "Movie"."Budget" as "Budget_in_USD", "Movie"."Budget"*1.35 as "Budget_in_CAD"
from "Movie", "MovieCast", "Actor"
where "Movie"."MovieName" = "MovieCast"."MovieName" and "Movie"."ReleaseDate" = "MovieCast"."ReleaseDate"
and "MovieCast"."ActorID" = "Actor"."ActorID" and "Movie"."Budget" > 1000000;
```

output Messages Notifications

MovieName  
character varying (50)

Greenbook

C

```
15 select "Movie"."MovieName", "Actor"."FirstName", "Actor"."LastName", "Movie"."Budget" as "Budget_in_USD", "Movie"."Budget"*1.35 as "Budget_in_CAD"
16 from "Movie", "MovieCast", "Actor"
17 where "Movie"."MovieName" = "MovieCast"."MovieName" and "Movie"."ReleaseDate" = "MovieCast"."ReleaseDate"
18 and "MovieCast"."ActorID" = "Actor"."ActorID" and "Movie"."Budget" > 1000000;
19
20 -- Part 1D
```

Data output Messages Notifications

	MovieName character varying (50)	FirstName character varying (50)	LastName character varying (50)	Budget_in_USD bigint	Budget_in_CAD numeric	Budget_in_JPY numeric	Budget_in_RUB numeric	Budget_in_EUR numeric	Budget_in_CHF numeric
1	spiderman	Jack	Mr	1500000	2025000.00	208230000.00	90825000.00	1440000.00	1410000.00
2	Greenbook	John	Mr	1800000	2430000.00	249876000.00	108990000.00	1728000.00	1692000.00
3	birdman	ruths	criss	1900000	2565000.00	263758000.00	115045000.00	1824000.00	1786000.00
4	spiderman2	ruths	thomas	30000000	40500000.00	4164600000.00	1816500000.00	28800000.00	28200000.00
5	Badman	Jack	thomas	900000000	1215000000.00	124938000000.00	54495000000.00	864000000.00	846000000.00

D

```

-- Part 1D
select "Director"."FirstName", "Director"."LastName"
from "Director"
where "Director"."LastName" like 'A%' ;
select "Director"."FirstName", "Director"."LastName"
from "Director"
where "Director"."LastName" like 'D%';
-- Part 1E

```

ta output   Messages   Notifications

FirstName character varying (50) 🔒	LastName character varying (50) 🔒
Jack	Adam

```

select "Director"."FirstName", "Director"."
from "Director"
where "Director"."LastName" like 'D%';

```

— Part 1E

a output   Messages   Notifications

FirstName character varying (50) 🔒	LastName character varying (50) 🔒
Jack	David

F

```
0 -- Part 1F
1 select "Actor"."LastName" , "Actor"."LastName"
2 from "Actor"
3 where "eyecolour" = 'Blue'
4
5 --Lab07
6 -- Part 2
7 --Part 2A
8 SELECT avg(2022 - EXTRACT(year from "DateOfBirth"))
9 from "Actor"
0 --part 2B
1
2 --part 2C
3 select count (eyecolour)
4 from "Actor"
5 where (evecolour) = 'green'
```

data output Messages Notifications



LastName  
character varying (50) 🔒

LastName  
character varying (50) 🔒

## Part 2

A

```
--Part 2A
SELECT avg(2022 - EXTRACT(year from "DateOfBirth"))
from "Actor"

--part 2C
select count (eyecolour)
from "Actor"

where (eyecolour) = 'green'

--part 2D

select count ("Actor"."FirstName", "Actor"."LastName")
from "Actor"
where ("Actor"."LastName") = 'Brad' and ("Actor"."FirstName")= 'F

select "Director"."FirstName", "Director"."LastName"
from "Director"
where "Director"."LastName" like 'D%';
```

output Messages Notifications



avg	
double precision	🔒
	44.4

B

--Part 2B

```
select count(distinct "Actor"."Country")
from "Actor" inner join "MovieCast" on "Actor"."ActorID" = "MovieCast"."ActorID"
where "MovieCast"."MovieName" = 'spiderman';
```

--part 2C

```
select count (eyecolour)
from "Actor"
where (eyecolour) = 'green'
```

--part 2D

```
select count("MovieCast"."MovieName")
from "MovieCast" inner join "Actor" on "MovieCast"."ActorID" = "Actor"."ActorID"
where "Actor"."FirstName"= 'Pitt'and "Actor"."LastName" = 'Brad'
```

--Part 2E

```
Select min("Budget"),avg("Budget") , max("Budget")
from "Movie"
```

output Messages Notifications



count	
bigint	
	1

C

```
43 --part 2C
44 select count (eyecolour)
45 from "Actor"
46
47 where (eyecolour) = 'green'
48
49
50 Select avg(2022 - extract (year from DateofBirth))
51 from "Actor"
```

Data output Messages Notifications

	count bigint	
1	1	

D

```
16
17 --part 2D
18 select count("MovieCast"."MovieName")
19 from "MovieCast" inner join "Actor" on "MovieCast"."ActorID" = "Actor"."ActorID"
20 where "Actor"."FirstName"= 'Pitt'and "Actor"."LastName" = 'Brad'
21
22
23
24 --Part 2E
25 Select min("Budget"),avg("Budget") , max("Budget")
26 from "Movie"
27
```

Data output Messages Notifications

	count bigint	
	0	

E

```
62 --Part 2e
63 Select min("Budget"),avg("Budget") , max("Budget")
64 from "Movie"
```

Data output Messages Notifications

	min bigint	avg numeric	max bigint
1	1500000	187040000.0	900000000