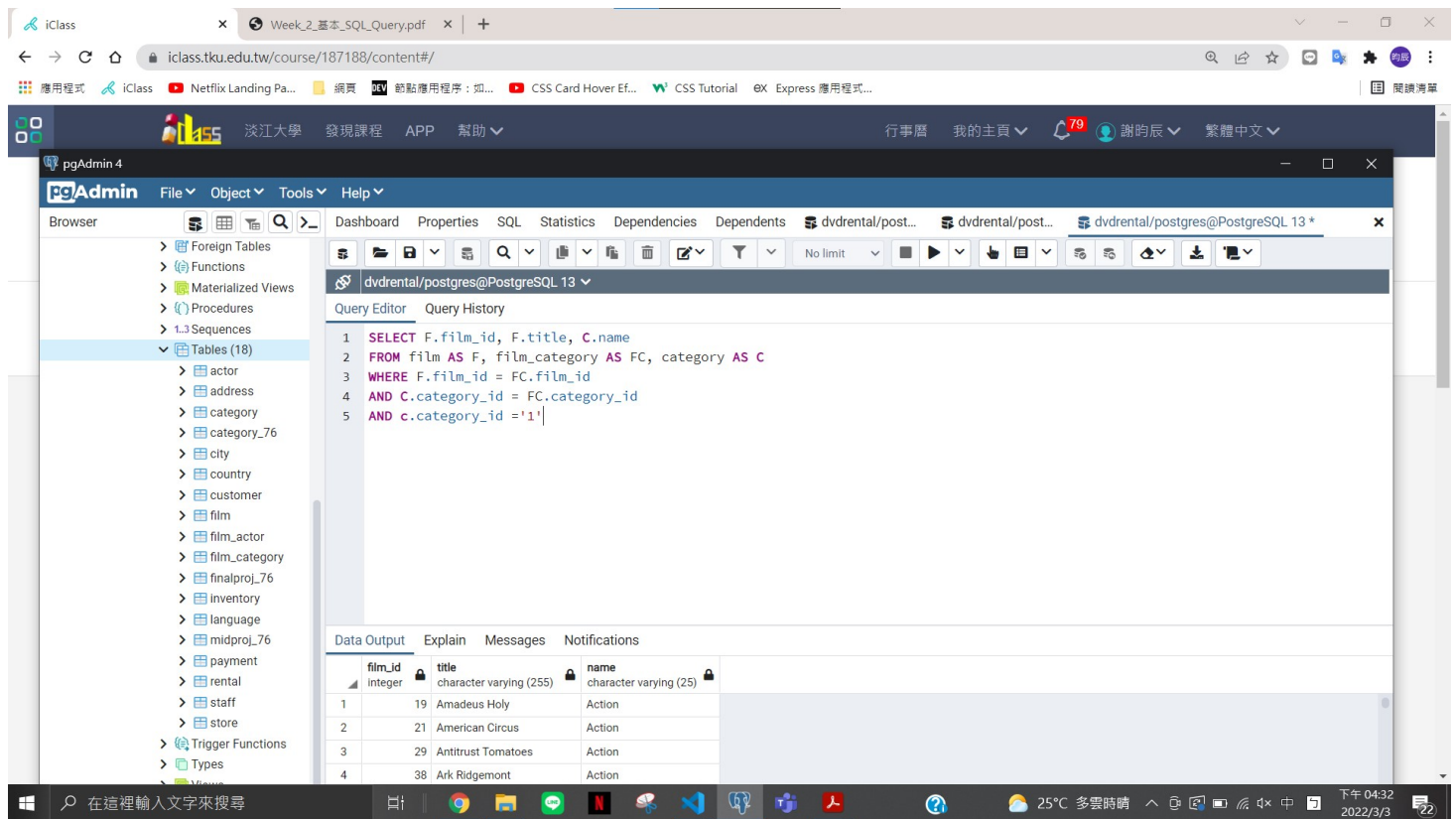


## 練習 1---使用 dvdrental Database 列出所有動作片 ( Action ) 的 ID、片名以及其種類名稱 ( 請務必按照順序呈現 )



The screenshot shows the pgAdmin 4 web interface. On the left, the 'Tables (18)' folder is expanded, showing a list of tables including 'actor', 'address', 'category', 'category\_76', 'city', 'country', 'customer', 'film', 'film\_actor', 'film\_category', 'finalproj\_76', 'inventory', 'language', 'midproj\_76', 'payment', 'rental', 'staff', 'store', and 'types'. The 'Query Editor' window is open, displaying the following SQL query:

```
1 SELECT F.film_id, F.title, C.name
2 FROM film AS F, film_category AS FC, category AS C
3 WHERE F.film_id = FC.film_id
4 AND C.category_id = FC.category_id
5 AND c.category_id = '1'
```

The 'Data Output' tab shows the results of the query:

film_id	title	name
19	Amadeus Holy	Action
21	American Circus	Action
29	Antitrust Tomatoes	Action
38	Ark Ridgemont	Action

```
SELECT F.film_id, F.title, C.name
FROM film AS F, film_category AS FC, category AS C
WHERE F.film_id = FC.film_id
AND C.category_id = FC.category_id
AND c.category_id = '1'
```

## 練習 3---使用 dvdrental Database，列出所有片長 ( length ) 介於 90 至 130 分鐘的科幻片 ( Scifi )、喜劇片 ( Comedy ) 以及恐怖片 ( Horror ) 其片名、片長及種類

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pgAdmin 4

File Object Tools Help

Browser

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      - customer
      - film
      - film\_actor
      - film\_category

Dashboard Properties SQL Statistics Dependencies Dependents dvdrental/post... dvdrental/postgres@PostgreSQL 13 \*

Query Editor Query History

```
1 SELECT F.film_id, F.title, C.name, F.length
2 FROM film AS F, film_category AS FC, category AS C
3 WHERE length BETWEEN 90 AND 130
4 AND C.name IN('Sci-fi', 'Comedy', 'Horror')
5 AND F.film_id=FC.film_id
6 AND C.category_id=FC.category_id
```

Data Output Explain Messages Notifications

film_id	title	name	length	
1	4	Affair Prejudice	Horror	117
2	9	Alabama Devil	Horror	114
3	28	Anthem Luke	Comedy	91

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```
SELECT F.film_id, F.title, C.name, F.length
FROM film AS F, film_category AS FC, category AS C
WHERE length BETWEEN 90 AND 130
AND C.name IN('Sci-fi', 'Comedy', 'Horror')
AND F.film_id=FC.film_id
AND C.category_id=FC.category_id
```