1) select avg(price) as avg_price_for_platform from platform;

```
3       #Generate a calculation of the average
4       #price for all platforms
5  ●    select avg(price) as avg_price_for_platform from platform;
6       #Row count(1)
```

```
100%    ⬍    1:2
```

Result Grid | ⊞ | ⟳ | Filter Rows: | 🔍 Search | Export: | 💾

avg_price_for_platform
▶ 344.8571

2) select brandName from platform
where producer = "Nintendo";

```
3       #Generate a directory listing all Nintendo platforms
4  ●    select brandName from platform
5           where producer = "Nintendo";
6       #Row count (5)
```

```
100%    ⬍    15:6
```

Result Grid | ⊞ | ⟳ | Filter Rows: | 🔍 Search | Edit: | ✎ | 📑 | 📑

brandName
▶ Nintendo 64
Nintendo Gamecube
Nintendo Switch
Nintendo Wii
Wii U

3) select distinct awardName from award;

```
3       #Generate all unique award names that a
4       #game can be awarded
5  ●    select distinct awardName from award;
6       #Row count(7)
```

```
100%    ⬍    1:2
```

Result Grid | ⊞ | ⟳ | Filter Rows: | 🔍 Search | Expor

awardName
▶ The Game Awards
Game of the Year
Best Soundtrack
Game Developers Choice Awards
Excellence in Visual Art

4) select title from game
where title like '%the%';

```
3       #Generate all game titles that contain
4       #the string "the"
5 •     select title from game
6           where title like '%the%';
7       #Row count(5)
```

100% ⌄ 1:2

Result Grid | Filter Rows: | 🔍 Search | Edit:

title
▶ The Legend of Zelda: Breath of the Wild
The Messenger
Grand Theft Auto IV
Anthem
Sonic the Hedgehog

5) select title, sales from game
where sales >= 1000000
and sales <= 9999999
order by sales asc;

```
3       #Generate all games that made 7 figure sales
4 •     select title, sales from game
5           where sales >= 1000000
6           and sales <= 9999999
7           order by sales asc;
8       #Row count(8)
```

100% ⌄ 14:8

Result Grid | Filter Rows: | 🔍 Search | Edit: ✏️

title	sales
▶ DJ Hero 2	1100000
Halo 2	1700000
Kingdom Hearts Birth By Sleep	2080000
Metroid Prime	2840000
Kingdom Hearts II	4330000

6) select title, sales from game
   where sales between 1000000 and 9999999
   order by sales asc;

```
3       #Generate all games that made 7 figure sales
4   •   select title, sales from game
5           where sales between 1000000 and 9999999
6           order by sales asc;
7       #Row count(8)
```

100% ◇ 41:5

Result Grid ▦ ↹ Filter Rows: 🔍 Search   Edit: ✎

title	sales
▶ DJ Hero 2	1100000
Halo 2	1700000
Kingdom Hearts Birth By Sleep	2080000
Metroid Prime	2840000
Kingdom Hearts II	4330000

7) select brandName, producer from platform
   where producer != "Sony";

```
3       #Generate all platforms that are
4       #not produced by Sony
5   •   select brandName, producer from platform
6           where producer != "Sony";
7       #Row count(10)
```

100% ◇ 15:7

Result Grid ▦ ↹ Filter Rows: 🔍 Search   Edit:

brandName	producer
▶ Nintendo 64	Nintendo
Nintendo Gamecube	Nintendo
Nintendo Switch	Nintendo
Nintendo Wii	Nintendo
PC	Microsoft

8) select developerName from developer
   order by developerName ASC limit 2;

```
3      #Generate the first two names of developers
4      #in alphabetical order
5 ●    select developerName from developer
6          order by developerName ASC limit 2;
7      #Row count(2)
```

100%   13:7

Result Grid | Filter Rows: | Q Search | Export:

developerName
▶ Bioware
Bungie

9) select avg(sales), min(sales), max(sales) from game;

```
3      #Generate the average, minimum, and maximum
4      #amount of sales for games
5 ●    select avg(sales), min(sales), max(sales) from game;
6      #Row count(1)
```

100%   14:6

Result Grid | Filter Rows: | Q Search | Export:

avg(sales)	min(sales)	max(sales)
▶ 49388750.0000	1100000	500000000

10) select location, count(developerID) from developer
   group by location;

Query 1 ×

Limit to 1000 rows

```
1      #Generate the count of developers in each location
2      |
3 ●    select location, count(developerID) from developer
4          group by location;
5      #row count(11)
```

Result Grid | Filter Rows: | Export: | Wrap Cell Co

location	count(developerID)
▶ Twycross, England	1
Tokyo, Japan	4
California, United States	1
Quebec, Canada	1
Edinburgh, Scotland	1

11) select * from game
where sales >=(
select avg(sales) from game
);

```
3      #Generate all games that produced an above
4      #average amount in sales
5  •   select * from game
6  ⊖       where sales >=(
7                  select avg(sales) from game
8              );
9      #Row count(3)
```

100%   ⇕   14:9

Result Grid		Filter Rows:	Q Search	Edit:		Export/Import:		

title	genre	rating	releaseDate	dlc	sales	gameDeveloper	gamePublisher	gameMode
▶ Anthem	RPG	Teen	2019-02-22	1	100000000	7	4	2
Battle Chef Brigade	Action	Everyone	2017-11-20	3	70000000	14	12	2
Grand Theft Auto IV	Action	Mature	2008-04-29	1	500000000	6	9	1

12) select title from game
where gamePublisher = (
select publisherID from publisher
where publisherName = "Nintendo"
);

```
3      #Generate all game titles published by Nintendo
4  •   select title from game
5  ⊖       where gamePublisher = (
6                  select publisherID from publisher
7                      where publisherName = "Nintendo"
8              );
9      #Row count(5)
```

100%   ⇕   1:2

Result Grid		Filter Rows:	Q Search	Edit:	

title
▶ GoldenEye 007
Metroid Prime
Pokemon Stadium
Super Mario 64
The Legend of Zelda: Breath of the Wild

13) select brandName, price from platform as p
where price > (
select avg(price) from platform
where producer = p.producer);

```
3      #Generate all platforms whose price is greater than
4      #the average price based on their producers
5 •    select brandName, price from platform as p
6 ⊖        where price > (
7              select avg(price) from platform
8                  where producer = p.producer);
9      #Row count(6)
```

100%   ⇕   1:2

Result Grid | Filter Rows: Q Search | Edit: 🖉 🔜 🔜

brandName	price
▶ Nintendo Switch	299
PC	800
PlayStation 3	499
PlayStation 4	399
Wii U	349

14)select game_title from platform_has_game where
platform_brandName in ("xbox 360", "playstation 4");

```
3      #Generate all game titles that are either on
4      #Xbox 360 or Playstation 4
5 •    select game_title from platform_has_game
6          where platform_brandName in ("xbox 360", "playstation 4");
7      #Row count(8)
```

100%   ⇕   1:2

Result Grid | Filter Rows: Q Search | Export: 🖫

game_title
▶ Anthem
Battle Chef Brigade
Limbo
Red Dead Redemption 2
The Messenger

15)select title from game as g
    where exists (
        select * from publisher as p
            where p.publisherID = g.gamePublisher
            and location = "Tokyo, Japan"
);

```
3      #Generate all game titles that are published
4      #from Tokyo, Japan
5  •   select title from game as g
6          where exists (
7              select * from publisher as p
8                  where p.publisherID = g.gamePublisher
9                  and location = "Tokyo, Japan"
10             );
11     #Row count(8)
```
100%   1:2

Result Grid   Filter Rows: Q Search   Edit:

title
▶ GoldenEye 007
Metroid Prime
Pokemon Stadium
Super Mario 64
The Legend of Zelda: Breath of the Wild

16) select * from developer
    where developerID IN(
        select gameDeveloper from game
            where gameDeveloper IN(
                select gameDev from award
                    where awardName = "Game of the Year"
)
    );

```
3      #Generate all the developers who have
4      #won the Game of the Year award
5  •   select * from developer
6          where developerID IN(
7              select gameDeveloper from game
8                  where gameDeveloper IN(
9                      select gameDev from award
10                         where awardName = "Game of the Year"
11                 )
12             );
13     #Row count(3)
14
```
100%   14:13

Result Grid   Filter Rows: Q Search   Edit: Exp

developerID	developerName	location	developerType
▶ 2	Square Enix	Tokyo, Japan	AAA
3	Nintendo EPD	Tokyo, Japan	AAA
6	Rockstar North	Edinburgh, Scotland	AAA

17) select title, developerName from game as g
     inner join developer as d on g.gameDeveloper = d.developerID;

```
3      #Generate all game titles and names of their developers
4 •    select  title, developerName from game as g
5          inner join developer as d on g.gameDeveloper = d.developerID;
6      #Row count(16)
```

| 100% | ⌄ | 1:2 |

Result Grid   Filter Rows: Q Search   Export:

title	developerName
▶ GoldenEye 007	Rare
Kingdom Hearts Birth By Sleep	Square Enix
Kingdom Hearts II	Square Enix
The Legend of Zelda: Breath of the Wild	Nintendo EPD
The Messenger	Sabotage Studio

18) select title, awardName from game as g
     left outer join award as a on a.gameTitle = g.title;

```
3      #Generate a table that displays null for games
4      #without an award
5 •    select title, awardName from game as g
6          left outer join award as a on a.gameTitle = g.title;
7      #Row count(14)
```

| 100% | ⌄ | 1:2 |

Result Grid   Filter Rows: Q Search   Export:

title	awardName
▶ GoldenEye 007	NULL
Kingdom Hearts Birth By Sleep	NULL
Kingdom Hearts II	Game of the Year
The Legend of Zelda: Breath of the Wild	Game of the Year
The Messenger	The Game Awards

19) select g.Title, d.developerName, p.publisherName from developer as d
    inner join game as g
        on g.gameDeveloper = d.developerID
    inner join publisher as p
        on p.publisherID = g.gameDeveloper;

```
3      #Generate a table that shows the names of
4      #each game's developer and publisher
5 •    select g.Title, d.developerName, p.publisherName from developer as d
6          inner join game as g
7              on g.gameDeveloper = d.developerID
8          inner join publisher as p
9              on p.publisherID = g.gameDeveloper;
10     #Row count(14)
```

100%   1:2

Result Grid   Filter Rows: Search   Export:

Title	developerName	publisherName
▶ GoldenEye 007	Rare	Nintendo
Kingdom Hearts Birth By Sleep	Square Enix	Square Enix
Kingdom Hearts II	Square Enix	Square Enix
The Legend of Zelda: Breath of the Wild	Nintendo EPD	Devolver Digital
The Messenger	Sabotage Studio	Activision

20) select location from developer
union
select location from publisher;

```
3      #Generate all unique locations for
4      #developers and publishers
5 •    select location from developer
6      union
7      select location from publisher;
8      #Row count(16)
```

100%   1:2

Result Grid   Filter Rows: Search   Export:

location
▶ Twycross, England
Tokyo, Japan
California, United States
Quebec, Canada
Edinburgh, Scotland