

Query 1

-- Joins Player, Plays, Game, Run, and Category tables to get runs for 'Stolen' games

```
SELECT P.username, G.title, R.completionTime, C.name
FROM Player P
JOIN Plays PS ON P.username = PS.username
JOIN Game G ON PS.game_ID = G.game_ID
JOIN Run R ON P.username = R.username
JOIN Category C ON R.category_ID = C.category_ID
WHERE G.title LIKE '%Stolen%';
```

	username	title	completionTime	name
1	mkeegan66	Stolen	6906632	Randomizer

Query 2

-- Fetches usernames and the title of the first game played by each player from Japan

```
SELECT username, (SELECT title FROM Game WHERE game_ID = (SELECT game_ID
FROM Run WHERE username = P.username LIMIT 1))
FROM Player P
WHERE country = 'Japan';
```

	username	'HERE game_ID = (SELECT game_ID FROM Run WHERE useri
1	cconnaughton2e	Ladies Man, The
2	thymex2x	Putty Hill
3	bmilgate35	NULL
4	ccayle38	Destination Tokyo
5	scotter43	Ain't Them Bodies Saints
6	aghidini47	NULL
7	npfeuffer4q	Only God Knows (Sólo Dios Sabe)
8	ghegartyc5	NULL
9	hobradanecv	Hollow Man II
10	nsegrottfv	NULL
11	ebanthamfz	Julie
12	hfeliph0	Drive Thru
13	kgarsidehj	Summer of Sam
14	rrochellhv	Beck - Rum 302
15	sgrovenk3	NULL
16	ythrushmo	Gitarrrmongot
17	cberginmr	NULL
18	gmoyseog	Love Is a Many-Splendored Thing

Query 3

```
-- Groups runs by game and selects those with an average completion time greater than
--5000000 seconds
SELECT game_ID, AVG(completionTime) as AverageTime
FROM Run
GROUP BY game_ID
HAVING AVG(completionTime) >5000000;
```

	game_ID	AverageTime
1	3	5344063.0
2	7	8306519.0
3	10	9904617.0
4	15	8447529.0
5	18	8455031.0
6	19	9918009.0
7	21	5698352.0
8	22	8578592.0
9	24	9388957.0
10	25	6893437.0

Query 4

```
-- Categorizes runs based on their duration using a CASE statement
SELECT username,
CASE
    WHEN completionTime < 3600 THEN 'Under 1 hour'
    WHEN completionTime BETWEEN 3600 AND 7200 THEN '1 to 2 hours'
    ELSE 'Over 2 hours'
END AS DurationCategory
FROM Run;
```

	username	DurationCategory
1	ffieldsqh	Over 2 hours
2	blougheedfw	Over 2 hours
3	lnealonbk	Over 2 hours
4	qmumfordoa	Over 2 hours
5	hbyronf2	Over 2 hours
6	blimbricke	Over 2 hours
7	dcardillo32	Over 2 hours
8	jwakehamgu	Over 2 hours
9	bblondellqn	Over 2 hours
10	sshieilin	Over 2 hours

Query 5

```

WITH RECURSIVE DateSeries (DateValue) AS (
  SELECT MIN(completionDate) FROM Run
  UNION ALL
  SELECT DATE(DateValue, '+1 day') FROM DateSeries WHERE DateValue < (SELECT
MAX(completionDate) FROM Run)
)
SELECT DateValue FROM DateSeries;

```

	DateValue
1	2010-01-15
2	2010-01-16
3	2010-01-17
4	2010-01-18
5	2010-01-19
6	2010-01-20
7	2010-01-21
8	2010-01-22
9	2010-01-23
10	2010-01-24

Query 6

```
-- Ranks players by their completion times within each game
SELECT username, game_ID, rank() OVER (PARTITION BY game_ID ORDER BY
completionTime) AS GameRank
FROM Run;
```

	username	game_ID	GameRank
1	ffieldsqh	1	1
2	blougheedfw	2	1
3	lnealonbk	3	1
4	qmumfordoa	4	1
5	hbyronf2	5	1
6	blimbricke	6	1
7	dcardillo32	7	1
8	jwakehamgu	8	1
9	bblondellqn	9	1
10	sshieilin	10	1

Query 7

```
-- Counts the total number of runs for each game
SELECT G.title, COUNT(R.run_ID) AS TotalRuns
FROM Game G
JOIN Run R ON G.game_ID = R.game_ID
GROUP BY G.game_ID;
```

	title	TotalRuns
1	Dr.Goldfoot and the Girl Bombs (Le spie vengono dal ...	1
2	Love in the Time of Hysteria (Sólo con tu pareja)	1
3	Pied Piper, The (Pied Piper of Hamelin, The)	1
4	Mister Lonely	1
5	You're a Big Boy Now	1
6	Stolen	1
7	White Cliffs of Dover, The	1
8	Endurance: Shackleton's Legendary Antarctic Expedition, ...	1
9	Iron Man: Rise Of Technovore	1
10	Death Ship	1

Query 8

-- Selects players from countries with more than five players

SELECT *

FROM Player

WHERE country IN (SELECT country FROM Player GROUP BY country HAVING COUNT(*) > 5);

	username	country	joinDate
1	lbarthot0	China	5/10/2019
2	apaoli1	Indonesia	1/23/2024
3	gsaul2	Greece	4/12/2014
4	jortega3	United States	6/22/2012
5	jkenna5	Vietnam	10/29/2016
6	jadney6	Canada	10/28/2020
7	hmoreno7	France	7/7/2021
8	creisenstein8	Brazil	8/13/2021
9	epaffley9	Ukraine	4/27/2023
10	fmintoa	China	3/13/2017

Query 9

-- Fetches a distinct list of platforms from the Game table

SELECT DISTINCT platform

FROM Game;

	platform
1	Dreamcast
2	PlayStation 5
3	Nintendo DS
4	PC
5	Xbox Series X/S
6	PlayStation 4
7	SNES
8	GameCube
9	PlayStation 3
10	Sega Genesis