**CORRECTION EXERCICE SQL**

Ex 1

SELECT \* FROM games;

Ex 2

SELECT DISTINCT g\_name,g\_mode,g\_published\_at,g\_pegi FROM games;

Ex 3

SELECT DISTINCT g\_name,g\_mode,g\_published\_at,g\_pegi FROM games ORDER BY g\_name ASC;

Ex 4

SELECT g\_name as "Jeu",g\_mode as "Mode de jeu", g\_published\_at as "Année", g\_pegi as "PEGI" FROM games ORDER BY g\_published\_at DESC LIMIT 10;

Ex 5

SELECT g\_name, g\_mode from games where g\_mode="Solo" or g\_mode ="Multijoueur" ORDER BY 2;

Ex 6

SELECT g\_name as "Jeu", DATE\_FORMAT(g\_published\_at,"%Y") as "Année" FROM games WHERE g\_published\_at BETWEEN "2015-01-01 00:00:01" AND "2020-12-31 23:59:59" ORDER BY g\_published\_at DESC;

Ex 7

SELECT \* FROM games WHERE g\_mode LIKE "solo%" ORDER BY 6;

Ex8

SELECT g\_name as "Jeu",g\_mode as "Mode de jeu",g\_published\_at as "Année", g\_pegi as "PEGI" FROM games WHERE g\_name LIKE "The Witcher%" ORDER BY g\_mode DESC;

Ex9

SELECT g\_name as "Jeu",g\_mode as "Mode de jeu",g\_published\_at as "Année", g\_pegi as "PEGI" FROM games WHERE g\_name NOT LIKE "%Halo%";

Ex10

SELECT g\_name as "Jeu",g\_mode as "Mode de jeu",DATE\_FORMAT(g\_published\_at,"%Y") as "Année", g\_pegi as "PEGI" FROM games WHERE date\_format(g\_published\_at, "%Y") IN (2015,2011,2020) ;

Ex11

SELECT g\_name,s\_name FROM games INNER JOIN studios ON games . s\_id = studios . s\_id;

Ex12

SELECT g\_name, s\_name, s\_nationality FROM games INNER JOIN studios on games.s\_id = studios.s\_id;

Ex13

SELECT g\_name, p\_name, g\_pegi

FROM games

INNER JOIN games\_platforms

ON games.g\_id = games\_platforms.g\_id

INNER JOIN platforms

ON platforms.p\_id = games\_platforms.p\_id

WHERE g\_pegi < 16

ORDER BY g\_pegi;

Ex14

SELECT g\_name, p\_name, g\_pegi

FROM games

INNER JOIN games\_platforms

ON games.g\_id = games\_platforms.g\_id

INNER JOIN platforms

ON platforms.p\_id = games\_platforms.p\_id

WHERE g\_pegi < 16

ORDER BY g\_name;

Ex15

SELECT COUNT(\*)FROM games;

Ex16

SELECT COUNT(DISTINCT g\_name) FROM games;

Ex17

SELECT s\_name,COUNT(\*) FROM games

INNER JOIN studios

ON games.s\_id = studios.s\_id

GROUP BY studios.s\_name;

Ex18

SELECT COUNT(\*) as 'Nombre de jeux', s\_name as 'studio', p\_name as 'plateforme' FROM games

INNER JOIN games\_platforms ON games\_platforms.g\_id = games.g\_id

INNER JOIN studios ON studios.s\_id = games.s\_id

INNER JOIN platforms ON games\_platforms.p\_id = platforms.p\_id

GROUP BY p\_name;

Ex19

SELECT g\_name "Jeux", COUNT(games\_platforms.g\_id) "Nombre de platformes" FROM games

INNER JOIN games\_platforms ON games.g\_id = games\_platforms.g\_id

GROUP BY games\_platforms.g\_id

HAVING COUNT(games\_platforms.g\_id) >=4;

Ex20

SELECT ROUND(AVG(Nbjeu))

FROM(

SELECT platforms.p\_name, COUNT(games\_platforms.g\_id) AS "Nbjeu"

FROM games\_platforms

INNER JOIN platforms ON platforms.p\_id = games\_platforms.p\_id

GROUP BY games\_platforms.p\_id)

AS games

;