

TP 14

SQL

Sources :

Q 1 : Il y a 172 tables (valeur indiquée dans l'onglet Tables).

Q 2 : `pokemon(id : integer, identifier : string, species_id : integer, height : integer, weight : integer, base_experience : integer, order : integer, is_default : boolean)`

Q 3 : La clé primaire d'une table est une contrainte d'unicité, composée d'une ou plusieurs colonnes, et qui permet d'identifier de manière unique chaque ligne de la table.

```
SELECT height
FROM pokemon
WHERE identifier = 'pikachu';
```

Q 4 :

```
SELECT height
FROM pokemon
WHERE identifier = 'pikachu';
```

4

Q 5 :

```
SELECT weight
FROM pokemon
WHERE identifier = "pikachu";
```

60

Q 6 :

```
SELECT identifier
FROM pokemon
WHERE height > 4;
```

Q 7 :

```
SELECT identifier
FROM pokemon
WHERE height >
    (SELECT height
     FROM pokemon
     WHERE identifier = "pikachu");
```

Q 8 :

```
SELECT count(*)
FROM pokemon
WHERE height >
```

```
(SELECT height
FROM pokemon
WHERE identifier = 'pikachu');
```

678

Q 9:

```
SELECT count(*)
FROM pokemon
WHERE height =
    (SELECT height
FROM pokemon
WHERE identifier = 'pikachu');
```

63;

```
SELECT max(weight)
FROM pokemon
WHERE height =
    (SELECT height
FROM pokemon
WHERE identifier = 'pikachu');
```

600

Q 10:

```
SELECT identifier
FROM pokemon
WHERE height =
    (SELECT max(height) FROM pokemon);
```

wailord

```
SELECT identifier
FROM pokemon
WHERE height =
    (SELECT min(height) FROM pokemon);
```

joltik et flabebe

Q 11:

```
SELECT avg(height) FROM pokemon;
```

12.2503082614057

Q 12:

```
SELECT count(*)
FROM pokemon
WHERE height <= 8.5 AND height >= 7.5;
```

44

Q 13:

```
SELECT S.identifier,H.identifier
FROM pokemon\_species AS S
JOIN pokemon\_habitats AS H
ON S.habitat\_id = H.id;
```

Q 14:

```
SELECT count(*)
FROM pokemon\_species AS S
JOIN pokemon\_habitats AS H
ON
    S.habitat\_id = H.id
WHERE H.identifier = 'forest';
```

71

Q 15:

```
SELECT count(*)  
  FROM pokemon\_species AS S  
  JOIN pokemon\_habitats AS H  
    ON S.habitat\_id = H.id  
 WHERE H.identifiant = 'forest' AND S.generation\_id = 3;
```

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