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.

Q 4 :

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

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Q 5 :

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

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Q 6 :

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

Q 7 :

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

Q 8 :

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

678

Q 9 :

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

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

$aron, 600$

Q 10 :

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

wailord, 145, 3980

Q 11 :

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

joltik et flabebe

Q 12 :

```sql
SELECT height,count(height)
        FROM pokemon
        GROUP BY height
        order BY height DESC
```

Q 13 :

```sql
SELECT height,MAX(ch) FROM
        (SELECT height,count(height) AS ch
                FROM pokemon
                GROUP BY height)
```

6,68

Q 14 :

```sql
SELECT identifier,max(height) FROM
        (SELECT identifier,height
        FROM pokemon
        WHERE height!=(SELECT max(height) from pokemon))
```

rayquaza-mega, 108

Q 15 :

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

Q 16 :

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

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Q 17 :

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

Q 18 :

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

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Q 19 :

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

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