SASAKI, Ichi Taro S.

# USER RECORDS

1. What's the query for creating this new database table with the fields above?

```sql
CREATE TABLE `hackerhero_practice`.`users` (
  `id` INT NOT NULL AUTO_INCREMENT,
  `first_name` VARCHAR(255) NULL,
  `last_name` VARCHAR(255) NULL,
  `email` VARCHAR(255) NULL,
  `encrypted_password` VARCHAR(255) NULL,
  `created_at` DATETIME NULL,
  `updated_at` DATETIME NULL,
  PRIMARY KEY (`id`));
```

2. What's the query for inserting new records into this table? Write queries for inserting three fake users into the table (one query for each insert).

```sql
INSERT INTO users (first_name, last_name, email, encrypted_password, created_at, updated_at)
VALUES ('Pedro', 'Penduko', 'pedro@gmail.com', 'pedro123', '2022-07-18 04:13:30', '2022-07-18 04:13:30');
```

```sql
INSERT INTO users (first_name, last_name, email, encrypted_password, created_at, updated_at)
VALUES ('Mark', 'Anthony', 'mark@gmail.com', 'mark123', '2022-07-18 04:13:30', '2022-07-18 04:13:30');
```

```sql
INSERT INTO users (first_name, last_name, email, encrypted_password, created_at, updated_at)
VALUES ('Andrew', 'Cruz', 'Cruz@gmail.com', 'cruz123', '2022-07-18 04:13:30', '2022-07-18 04:13:30');
```

3. What's the query for updating one of the user records? For example, if you wanted to update the user record for id = 1, with some fake data, what would the query be?

```sql
UPDATE users
SET first_name = 'Fernando'
WHERE ID = 1;
```

4. What query would you run for updating all of the user records with the last_name of 'Choi'?

```sql
UPDATE users
SET last_name = 'Choi';
```

5. What query would you run for updating all the user records where ID is 3, 5, 7, 12, or 19?

```
1   UPDATE users
2   SET first_name = 'value', last_name = 'value', email = 'value', encrypted_password = 'value', created_at = 'value', updated_at = 'value'
3   WHERE ID = '3' AND ID = '5' AND ID = '7' AND ID = '12' AND ID = '19';
```

6. What's the query for deleting a user record where id = 1?

```
1 *    DELETE FROM users
2      WHERE id ='1';
```

7. What's the query for deleting the entire users records in the users table?

```
1      DELETE FROM users;
```

8. What's the query for dropping the entire users table? What's the difference between dropping the table and deleting all records?

```
1      DROP TABLE users;
```

9. What's the query for altering the email field to have it be 'email_address' instead?

```
1 *    SELECT email AS email_address FROM users;
```

10. What's the query for altering the id so that it's a BIGINT instead?

```
1      ALTER TABLE hackerhero_practice.users
2 ✖    ALTER COLUMN id BigInt;
```

11. What's the query for adding a new field to the users table called is_active where it's a Boolean (meaning it's either a 0 or a 1). Imagine you wanted the default value of this to be 0 when a new record is created and you won't allow this field to ever be NULL. With this in mind, now come up with a query.

```
1      ALTER TABLE hackerhero_practice.users
2      ADD is_active BOOLEAN NOT NULL;
```