```sql
-- 1.1 Adding a New Expense
INSERT INTO `expenses` (category, description, amount, date)
VALUES ('Groceries', 'Weekly grocery shopping', 45.00, '2024-07-01');


-- 1.2 Updating an Expense
UPDATE `expenses`
SET amount = 15.00, date = '2024-07-05'
WHERE id = 2;



-- 1.3 Simulating Data Deletion
CREATE TABLE `expenses_copy` AS SELECT * FROM `expenses`;


SET SQL_SAFE_UPDATES = 0;
DELETE FROM `expenses_copy`
WHERE id = 3;
SET SQL_SAFE_UPDATES = 1;


SELECT * FROM `expenses_copy` WHERE id = 3;



-- Bonus Challenge: Handling NULL Values
SELECT * FROM `expenses`
WHERE category IS NULL OR description IS NULL OR amount IS NULL OR date IS NULL;


SET SQL_SAFE_UPDATES = 0;
```

```sql
UPDATE `expenses`

SET category = 'Uncategorized'

WHERE category IS NULL;


SET SQL_SAFE_UPDATES = 1;
```