

## QUERIES

1. Which brand saw the most dollars spent in the month of June?

```
SELECT B.NAME
FROM BRANDS B
INNER JOIN RECEIPT_ITEMS RI
ON B.BARCODE = RI.BARCODE
INNER JOIN RECEIPTS R
ON R.ID = RI.REWARDS_RECEIPT_ID
WHERE R.TOTAL_SPENT =
(
SELECT MAX(TOTAL_SPENT)
FROM RECEIPTS
WHERE MONTH(PURCHASE_DATE) = '6'
)
```

2. Which user spent the most money in the month of August?

```
SELECT USER_ID
FROM RECEIPTS
WHERE TOTAL_SPENT =
(
SELECT MAX(TOTAL_SPENT)
FROM RECEIPTS
WHERE MONTH(PURCHASE_DATE) = '8'
)
```

3. What user bought the most expensive item?

```
SELECT R.USER_ID
FROM RECEIPTS R
INNER JOIN RECEIPT_ITEMS RI
ON R.ID = RI.REWARDS_RECEIPT_ID
WHERE TOTAL_FINAL_PRICE =
(
SELECT MAX(TOTAL_FINAL_PRICE)
```

```
FROM RECEIPT_ITEMS  
)
```

4. What is the name of the most expensive item purchased?

```
SELECT B.NAME  
FROM BRANDS B  
INNER JOIN RECEIPT_ITEMS RI  
ON B.BARCODE = RI.BARCODE  
WHERE RI.TOTAL_FINAL_PRICE =  
(  
SELECT MAX(TOTAL_FINAL_PRICE)  
FROM RECEIPT_ITEMS  
)
```

5. How many users scanned in each month?

```
SELECT COUNT(USER_ID), MONTH(DATE_SCANNED)  
FROM RECEIPTS  
GROUP BY MONTH(DATE_SCANNED)
```