

Lab 6. Write the following queries in SQL.

Q1. Print the number of credit cards that John Smith owns.

Q2. For every customer, print their name and the total (in dollars) of all their purchases.

Q3. Print the name of the vendor with the highest single transaction.

Q4. Print the name of vendor with the highest total proceeds from transactions.

Q5. Create an additional table that stores the different credit card types (e.g., Visa, MC, Discovery, etc.). Then write a query that prints the names of all customers that own every single credit card type.

Q6. What is the name of the customers that has the highest credit card balance (sum the credit card balances of all their cards)?

Q7. Print the transaction with the highest amount.

Q8. For every customer, print the amount of their latest payment.

Q9. What are the total sales for each card type (i.e., total sales for visa, MC, etc.)

Q10. For 2014, print the total sales for each month. The function `year(date)` will give you the year of a date and the function `month(date)` will give you the month. You can use both functions inside SQL, e.g., you can group by `month(date)`.