

Bank Account Summary

Create a bank account summary by considering the transaction mentioned in the table below

AccountNumber	AccountHolderName	TransactionDate	Transactiontype	TransactionAmount
1001	Ravi Sharma	2023-07-01	Deposit	5000.00
1001	Ravi Sharma	2023-07-05	Withdrawal	1000.00
1001	Ravi Sharma	2023-07-10	Deposit	2000.00
1002	Priya Gupta	2023-07-02	Deposit	3000.00
1002	Priya Gupta	2023-07-08	Withdrawal	500.00
1003	Vikram Patel	2023-07-04	Deposit	10000.00
1003	Vikram Patel	2023-07-09	Withdrawal	2000.00

Your task is to write a query that produces a bank account summary according to the total balance after considering the transaction history for each account

Output:

AccountNumber	AccountHolderName	TotalBalance
1001	Ravi Sharma	6000.00
1002	Priya Gupta	2500.00
1003	Vikram Patel	8000.00

```
CREATE TABLE Account (  
    account_number INT,  
    account_holder_name VARCHAR(55) NOT NULL,  
    transaction_date DATE,  
    transaction_type VARCHAR(20) NOT NULL,  
    transaction_amnt NUMERIC NOT NULL  
);
```

```
INSERT INTO Account VALUES
```

```
(1001, 'Ravi Sharma', '2023-07-01', 'Deposit', 5000.00),  
(1001, 'Ravi Sharma', '2023-07-05', 'Withdrawal', 1000.00),  
(1001, 'Ravi Sharma', '2023-07-10', 'Deposit', 2000.00),  
(1002, 'Priya Gupta', '2023-07-02', 'Deposit', 3000.00),  
(1002, 'Priya Gupta', '2023-07-08', 'Withdrawal', 500.00),  
(1003, 'Vikram Patel', '2023-07-04', 'Deposit', 10000.00),  
(1003, 'Vikram Patel', '2023-07-09', 'Withdrawal', 2000.00);
```

```
SELECT * FROM Account;
```

```
SELECT account_number,account_holder_name,  
sum(case  
when transaction_type='Deposit' then transaction_amnt  
when transaction_type='Withdrawal' then -transaction_amnt  
end) Total_Balance  
from Account  
group by account_number,account_holder_name
```