

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

```
CREATE table bank_account_summary
```

```
(AccountNumber int,AccountHolderName VARCHAR(100), TransactionDate DATE, TransactionType VARCHAR(100), TransactionAmount DECIMAL(10,2));
```

```
INSERT INTO bank_account_summary(AccountNumber, AccountHolderName, TransactionDate, TransactionType, TransactionAmount)
```

```
VALUES('1001','Ravi Sharma','2023-07-01','Deposit','5000'),
```

```
('1001','Ravi Sharma','2023-07-05','Withdrawal','1000'),
```

```
('1001','Ravi Sharma','2023-07-10','Deposit','2000'),
```

```
('1002','Priya Gupta','2023-07-02','Deposit','3000'),
```

```
('1002','Priya Gupta','2023-07-08','Withdrawal','500'),
```

```
('1003','Vikram Patel','2023-07-04','Deposit','10000'),
```

```
('1003','Vikram Patel','2023-07-09','Withdrawal','2000');
```

```
SELECT AccountNumber,AccountHolderName, sum(case when TransactionType='Deposit' then TransactionAmount else -TransactionAmount END) as total_amount
```

```
from bank_account_summary
```

```
group by AccountNumber,AccountHolderName
```

```
order by AccountNumber
```