1.

* Tabel Cabang

Primary Key: KodeCabang

* Tabel Motor

Primary Key: KodeMotor

* TabelPembayaran

Primary Key: NoKontrak atau NoKwitansi atau keduannya (Composite Primary Key)

Foreign Key: KodeCabang (TblCabang), KodeMotor (TblMotor)

2.

SELECT P.NoKontrak, P.TglBayar, p.JumlahBayar, C.NamaCabang AS Cabang, P.NoKwitansi, M.NamaMotor

FROM Pembayaran P (NOLOCK)

LEFT JOIN Cabang C (NOLOCK) ON P.KodeCabang = C.KodeCabang

LEFT JOIN Motor M (NOLOCK) on P.KodeMotor = M.KodeMotor

WHERE CAST(TglBayar AS DATE) = '2014-10-20'

3.

INSERT INTO Cabang (KodeCabang, NamaCabang)

VALUES ('200', 'Tangerang');

4.

UPDATE Pembayaran

SET KodeMotor = '001'

WHERE KodeCabang = (

SELECT KodeCabang

FROM Cabang

WHERE NamaCabang = 'Jakarta'

);

5.

SELECT P.NoKontrak,

CONVERT(VARCHAR, P.TglBayar, 120) AS TglBayar

, CONVERT(VARCHAR, CAST(P.JumlahBayar AS Int)) As JumlahBayar

, P.KodeCabang, C.NamaCabang AS Cabang

, P.NoKwitansi, P.KodeMotor, M.NamaMotor

FROM Pembayaran P (NOLOCK)

LEFT JOIN Cabang C (NOLOCK) ON P.KodeCabang = C.KodeCabang

LEFT JOIN Motor M (NOLOCK) on P.KodeMotor = M.KodeMotor

order by P.TglBayar desc

6.

SELECT C.KodeCabang, C.NamaCabang, P.NoKontrak, P.NoKwitansi

FROM Cabang C

LEFT JOIN Pembayaran P ON P.KodeCabang = C.KodeCabang

order by KodeCabang

7.

SELECT C.KodeCabang, C.NamaCabang, COUNT(P.NoKontrak) AS TotalData, SUM(P.JumlahBayar) AS TotalBayar

FROM Cabang C

LEFT JOIN Pembayaran P ON P.KodeCabang = C.KodeCabang

GROUP BY C.KodeCabang, C.NamaCabang

ORDER BY C.KodeCabang