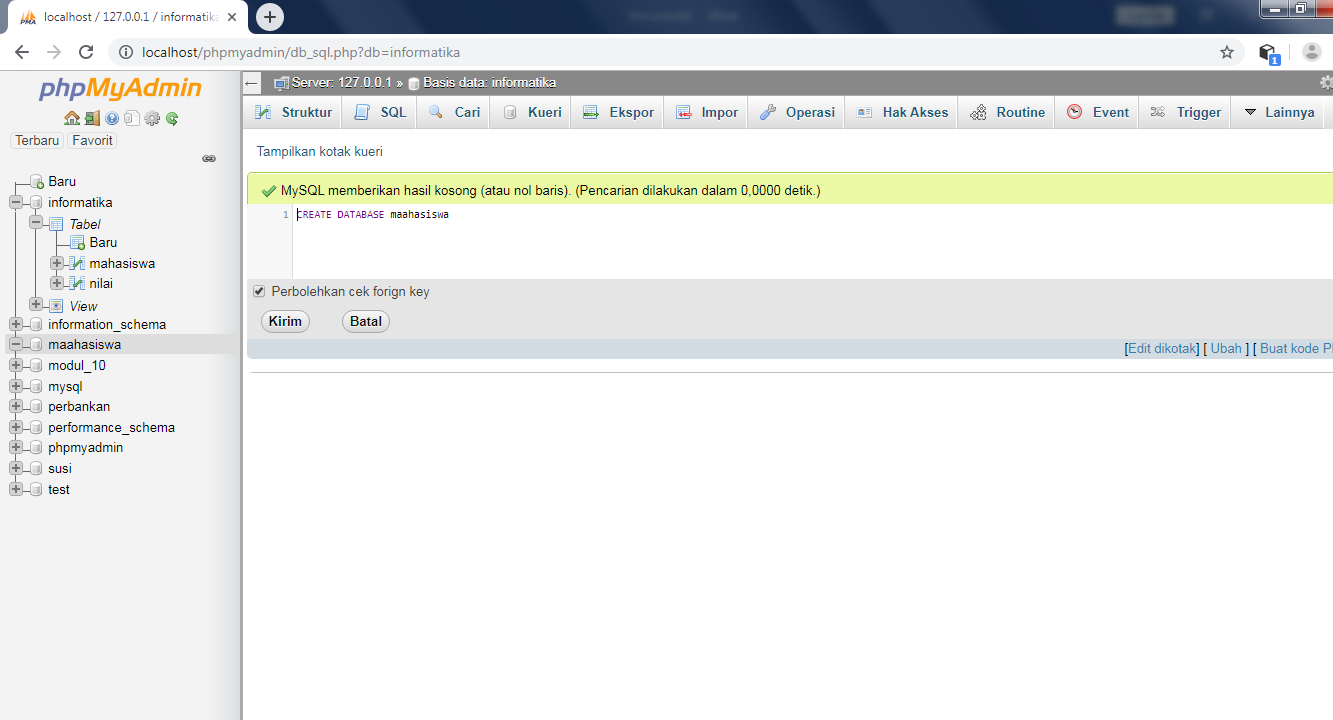
Nama : Muhammad Himmawan

NIM : L200170161

Kelas :

1. CREATE DATABASE Informatika



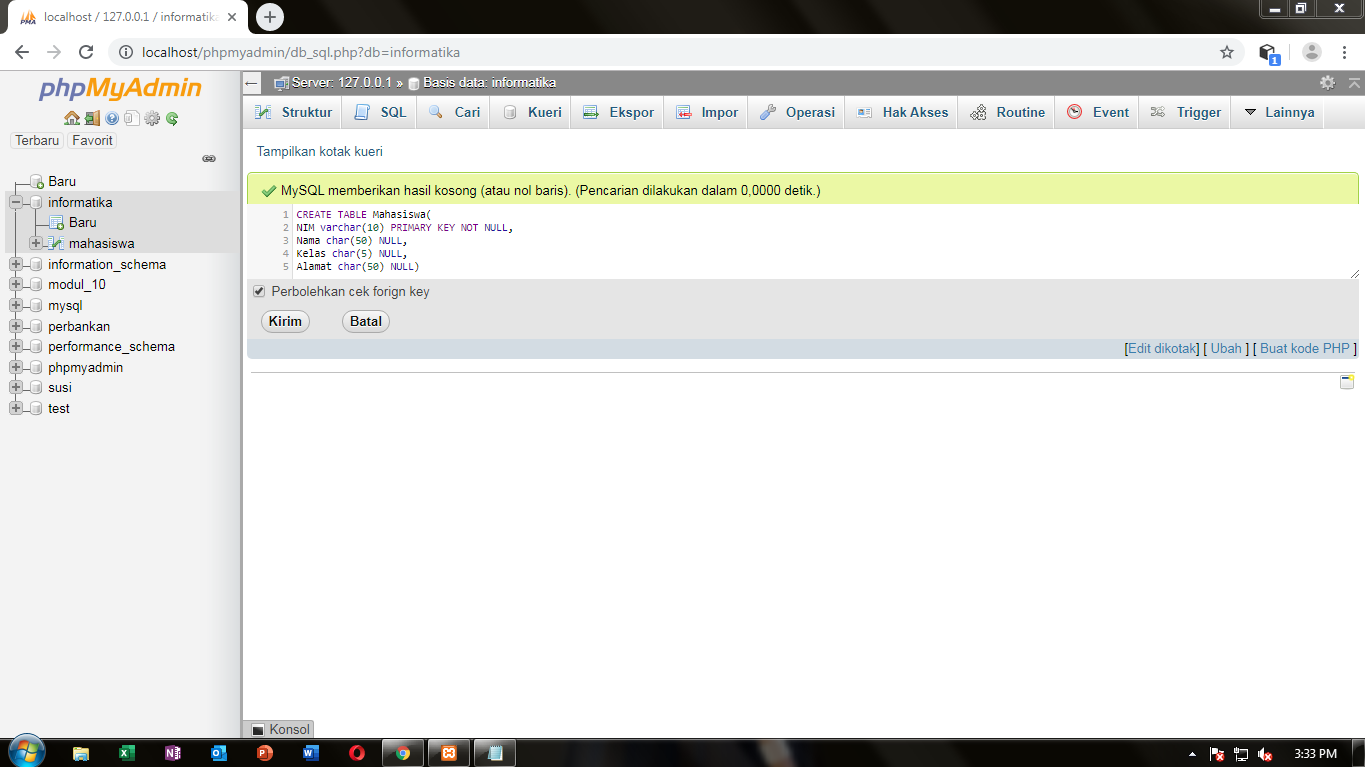
1. CREATE TABLE Mahasiswa(

NIM varchar(10) PRIMARY KEY NOT NULL,

Nama char(50) NULL,

Kelas char(5) NULL,

Alamat char(50) NULL)

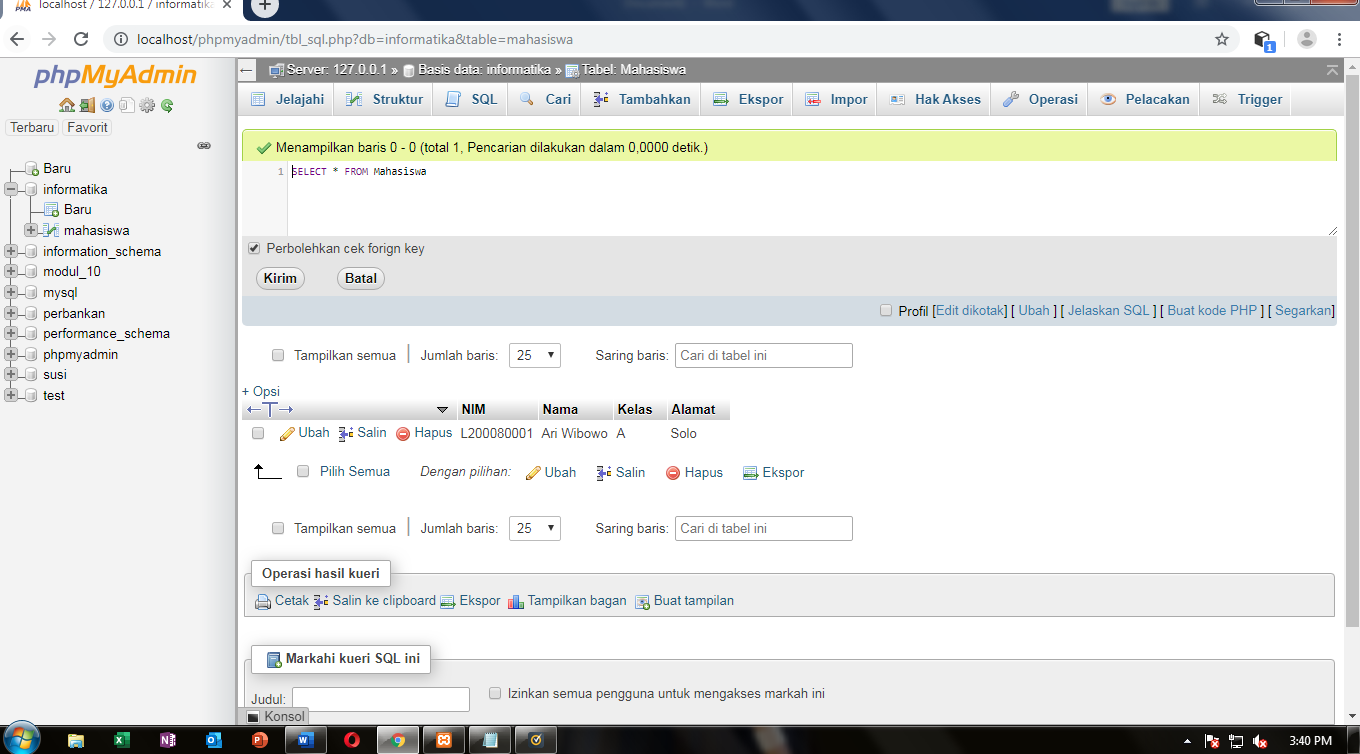


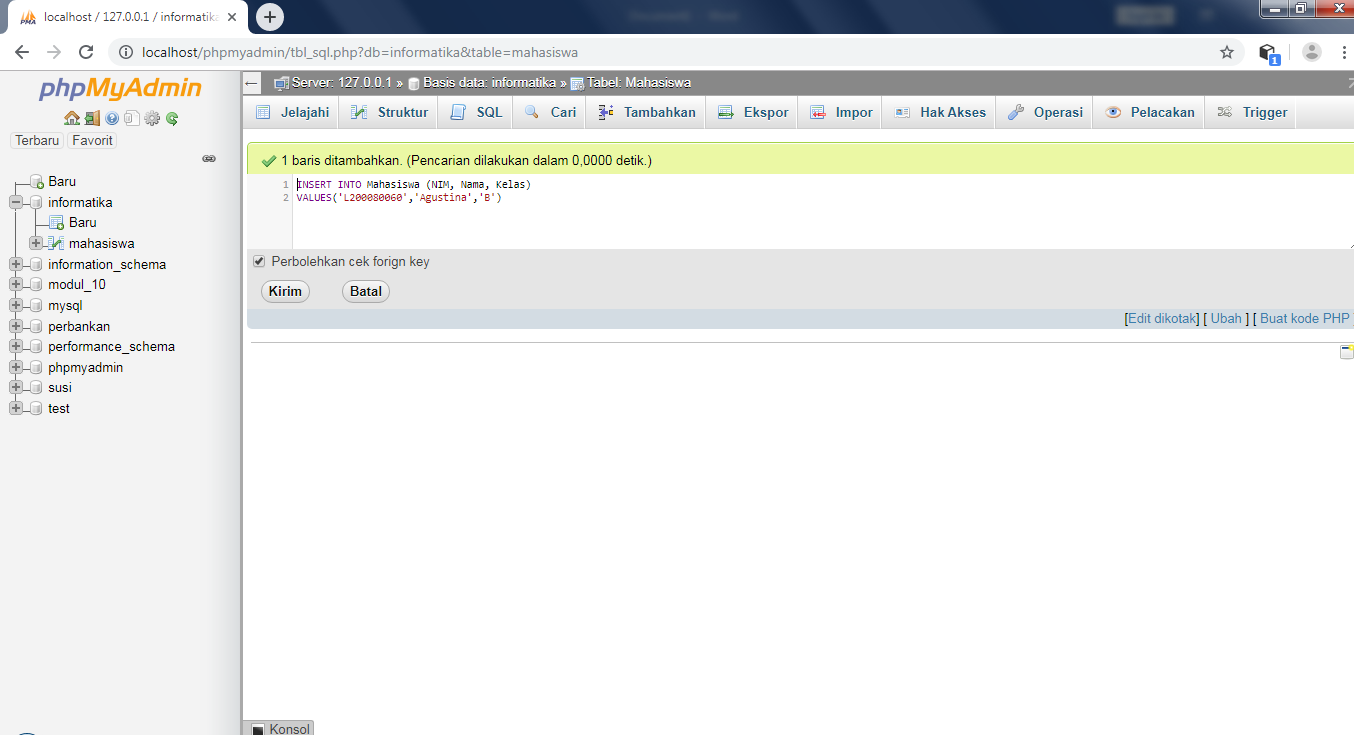
1. INSERT INTO Mahasiswa VALUES ('L200080001','Ari Wibowo','A','Solo')

SELECT \* FROM Mahasiswa

INSERT INTO Mahasiswa (NIM, Nama, Kelas)

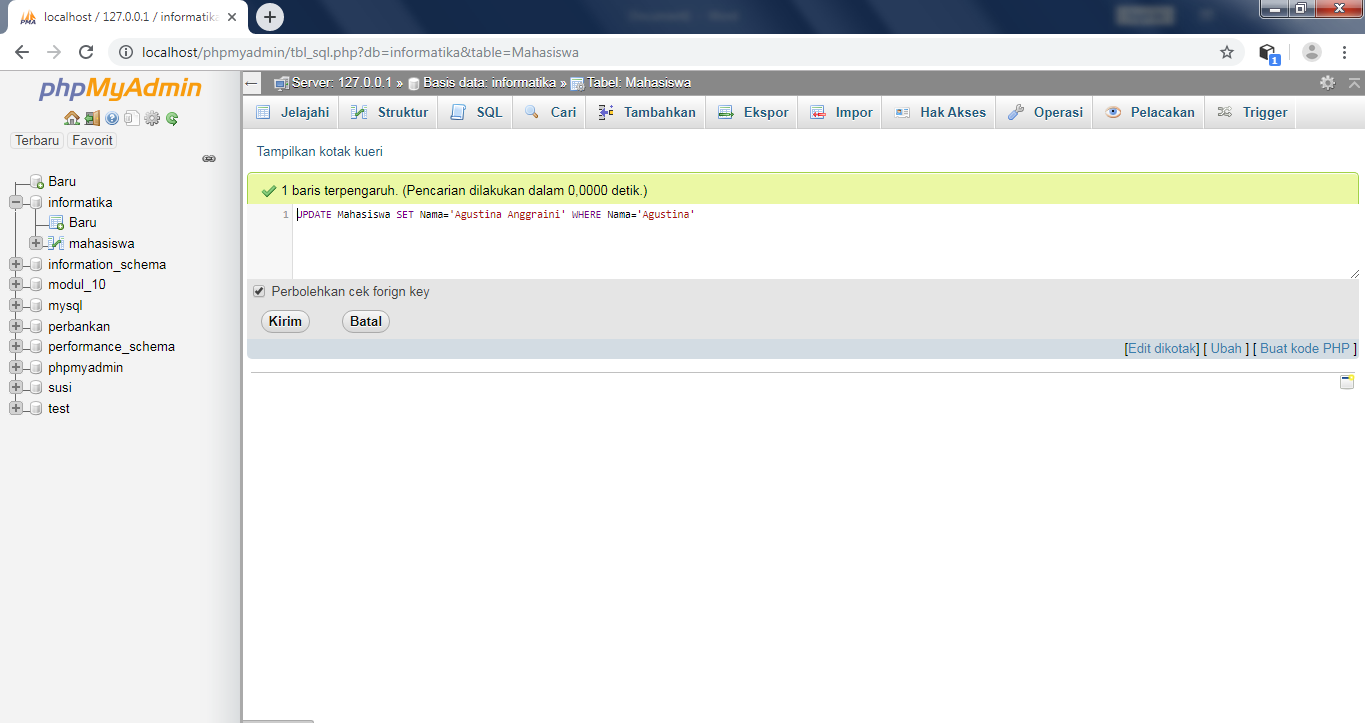
VALUES('L200080060','Agustina','B')

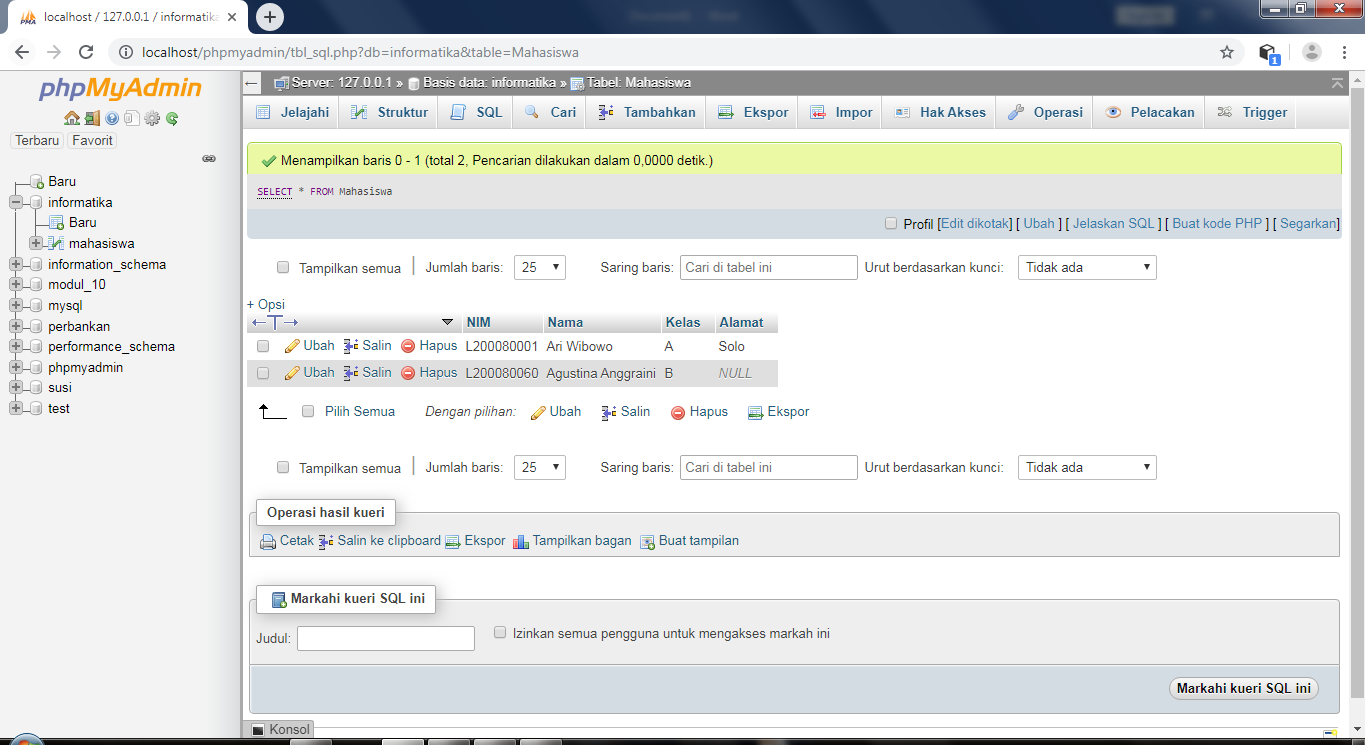




1. UPDATE Mahasiswa SET Nama='Agustina Anggraini' WHERE Nama='Agustina'

SELECT \* FROM Mahasiswa





1. Join

CREATE TABLE Nilai(

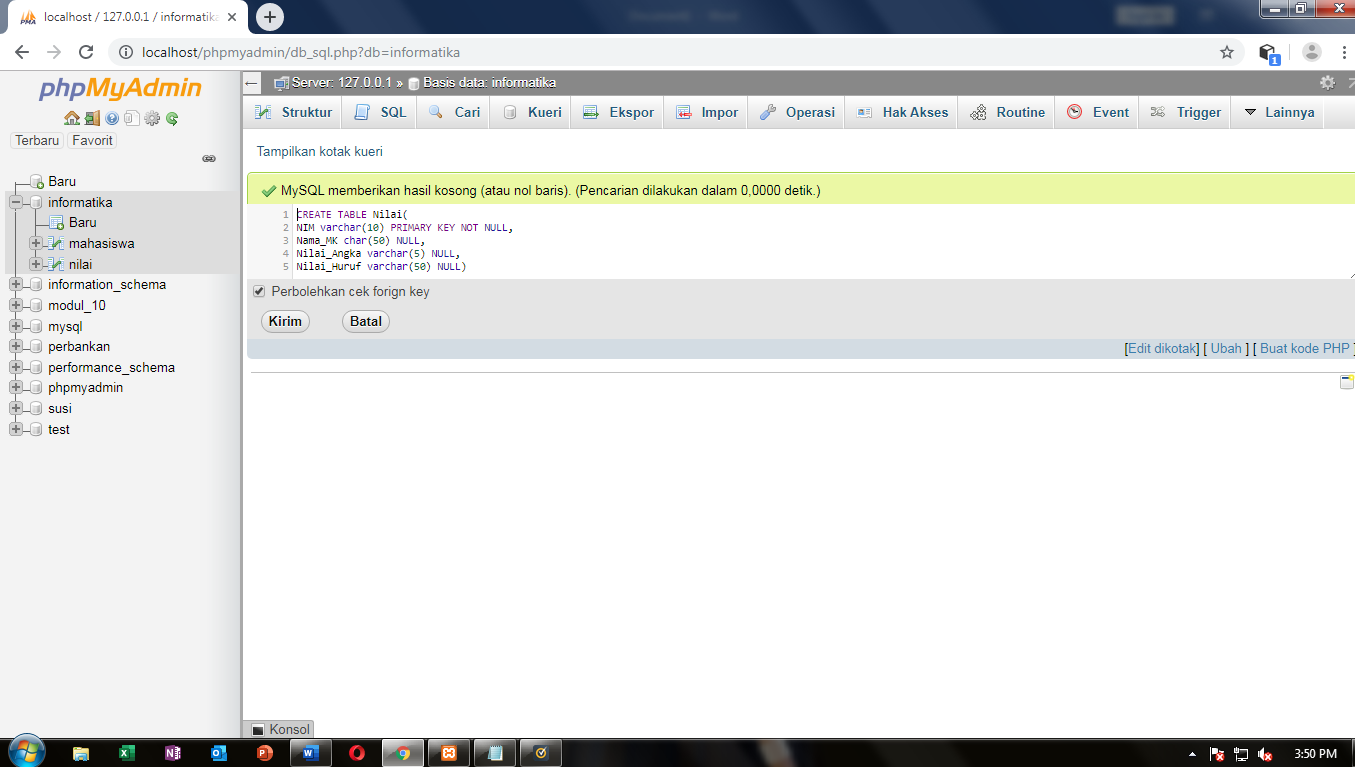
NIM varchar(10) PRIMARY KEY NOT NULL,

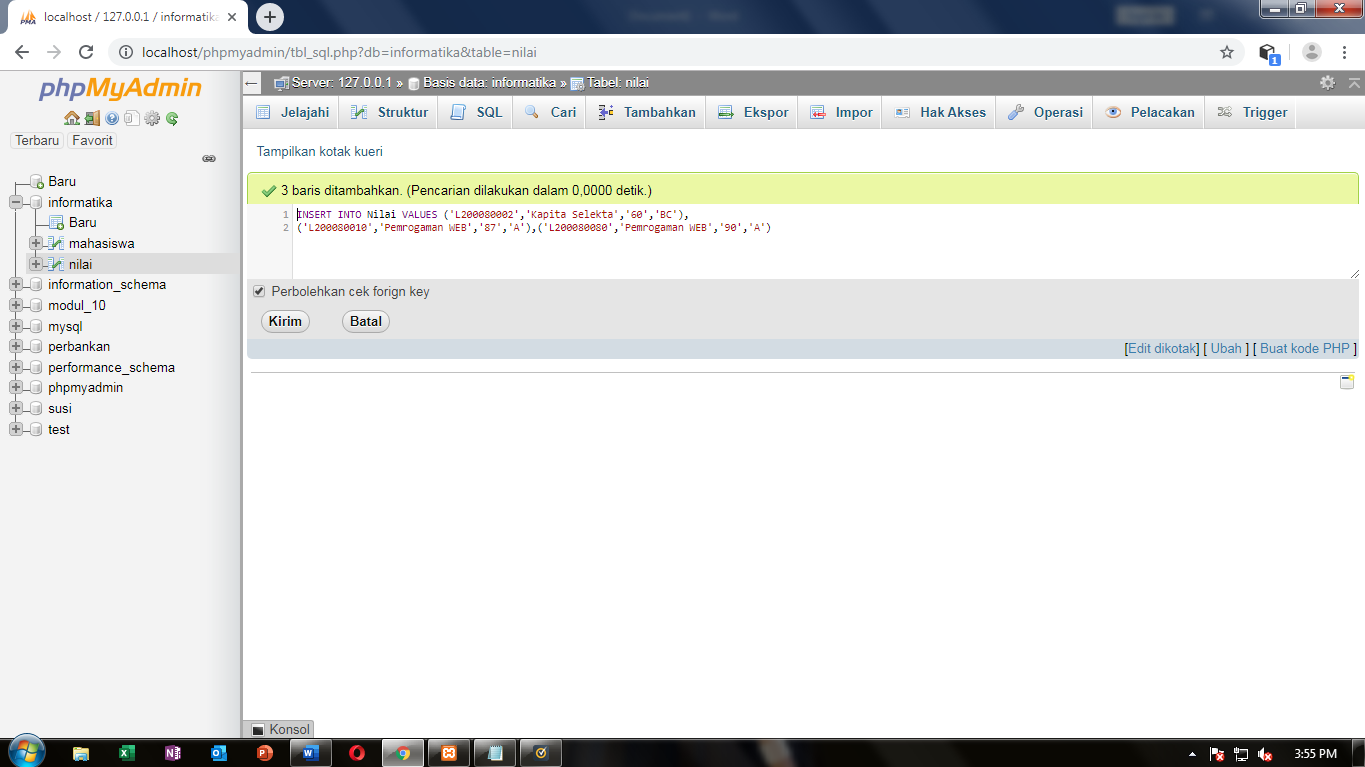
Nama\_MK char(50) NULL,

Nilai\_Angka varchar(5) NULL,

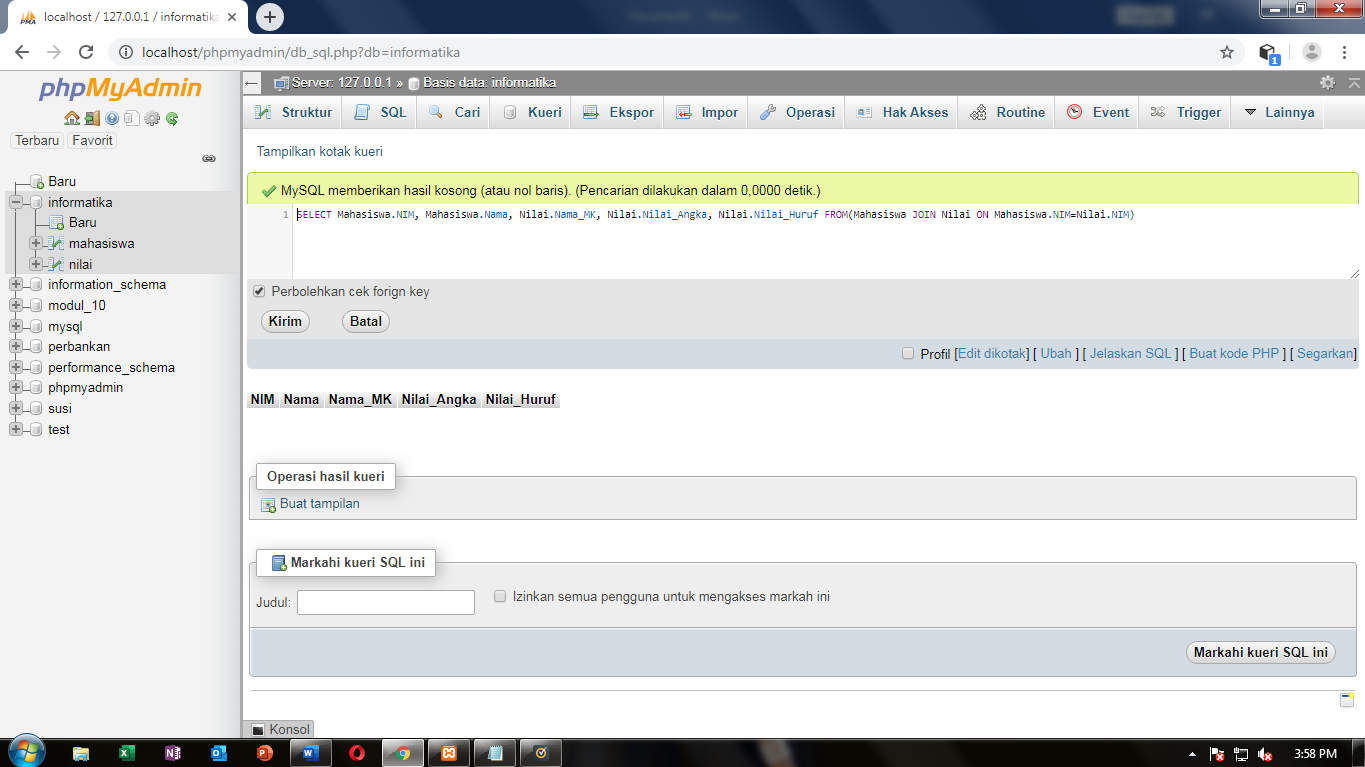
Nilai\_Huruf varchar(50) NULL)

INSERT INTO Nilai VALUES ('L200080002','Kapita Selekta','60','BC'),('L200080010','Pemrogaman WEB','87','A'),('L200080080','Pemrogaman WEB','90','A')

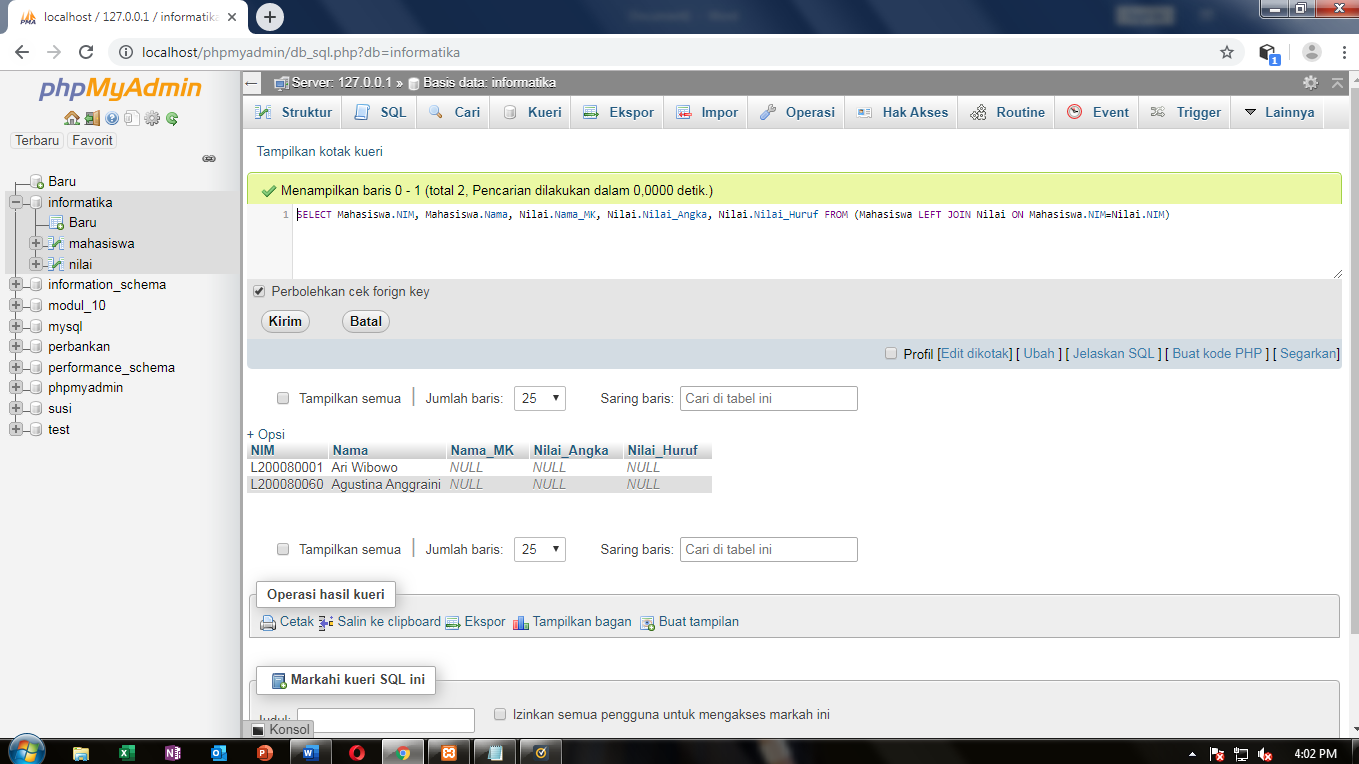




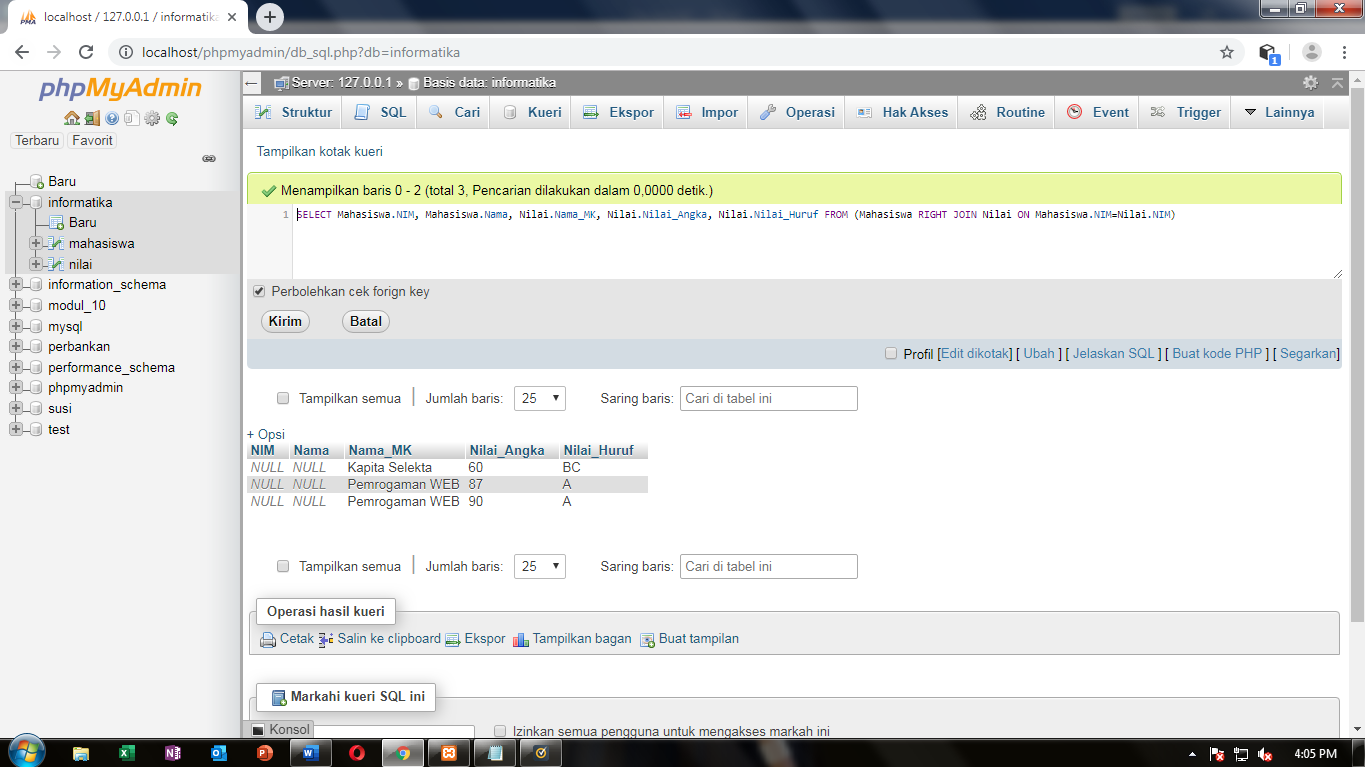
SELECT Mahasiswa.NIM, Mahasiswa.Nama, Nilai.Nama\_MK, Nilai.Nilai\_Angka, Nilai.Nilai\_Huruf FROM (Mahasiswa JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM)



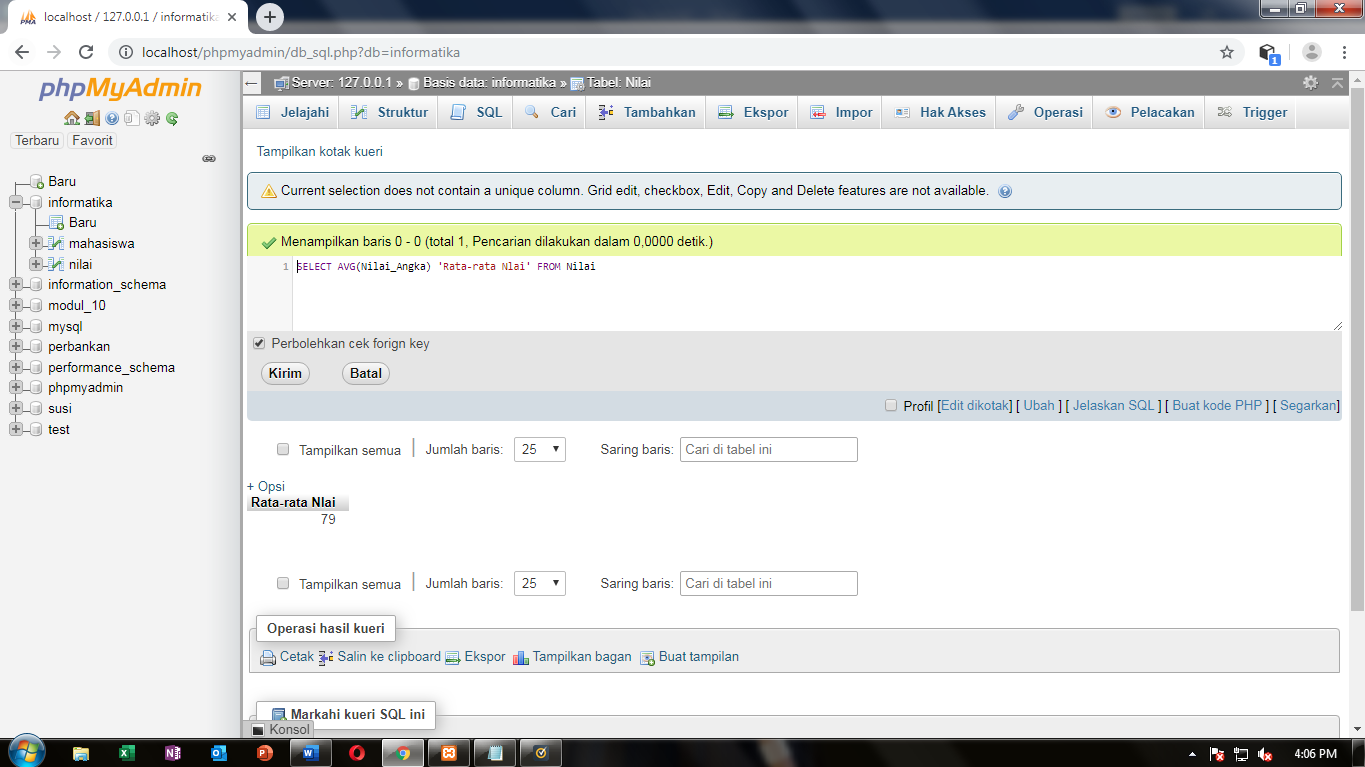
1. SELECT Mahasiswa.NIM, Mahasiswa.Nama, Nilai.Nama\_MK, Nilai.Nilai\_Angka, Nilai.Nilai\_Huruf FROM(Mahasiswa LEFT JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM)



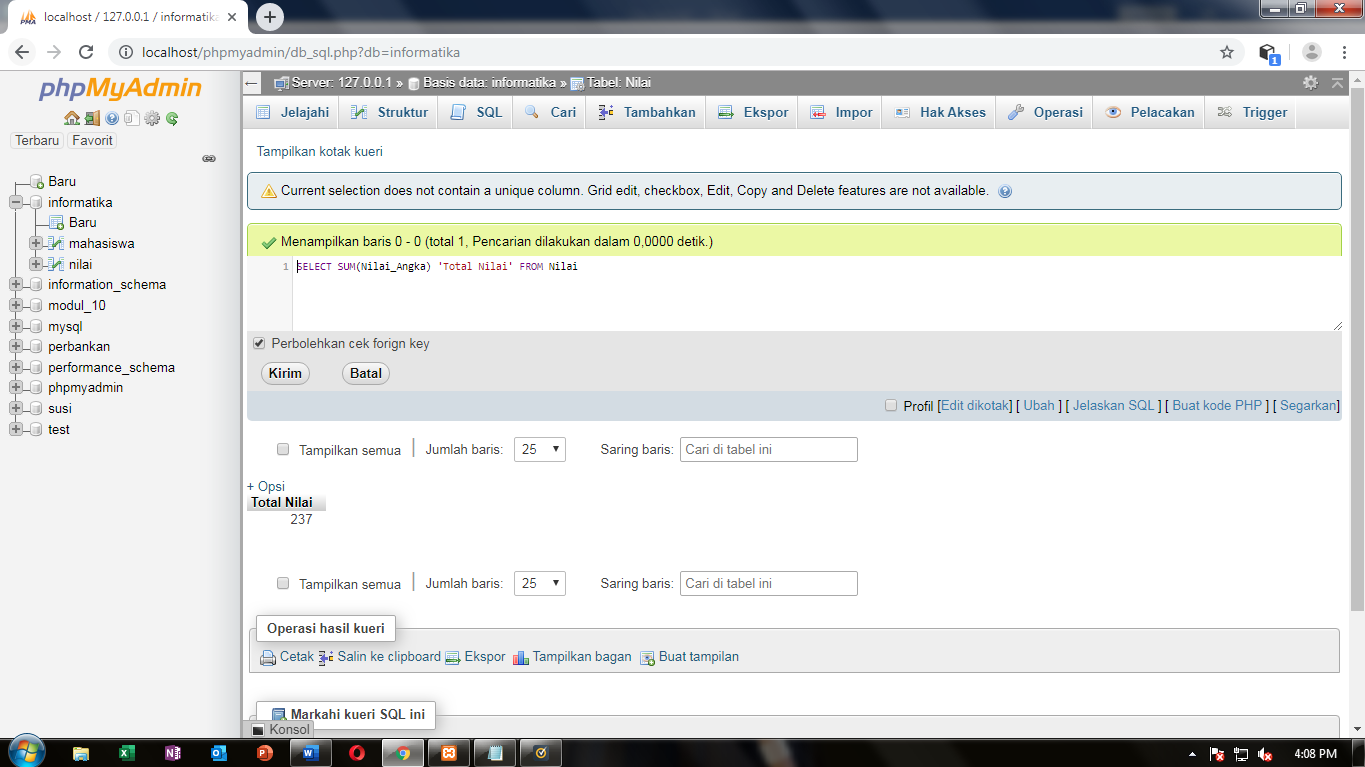
1. SELECT Mahasiswa.NIM, Mahasiswa.Nama, Nilai.Nama\_MK, Nilai.Nilai\_Angka, Nilai.Nilai\_Huruf FROM (Mahasiswa RIGHT JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM)



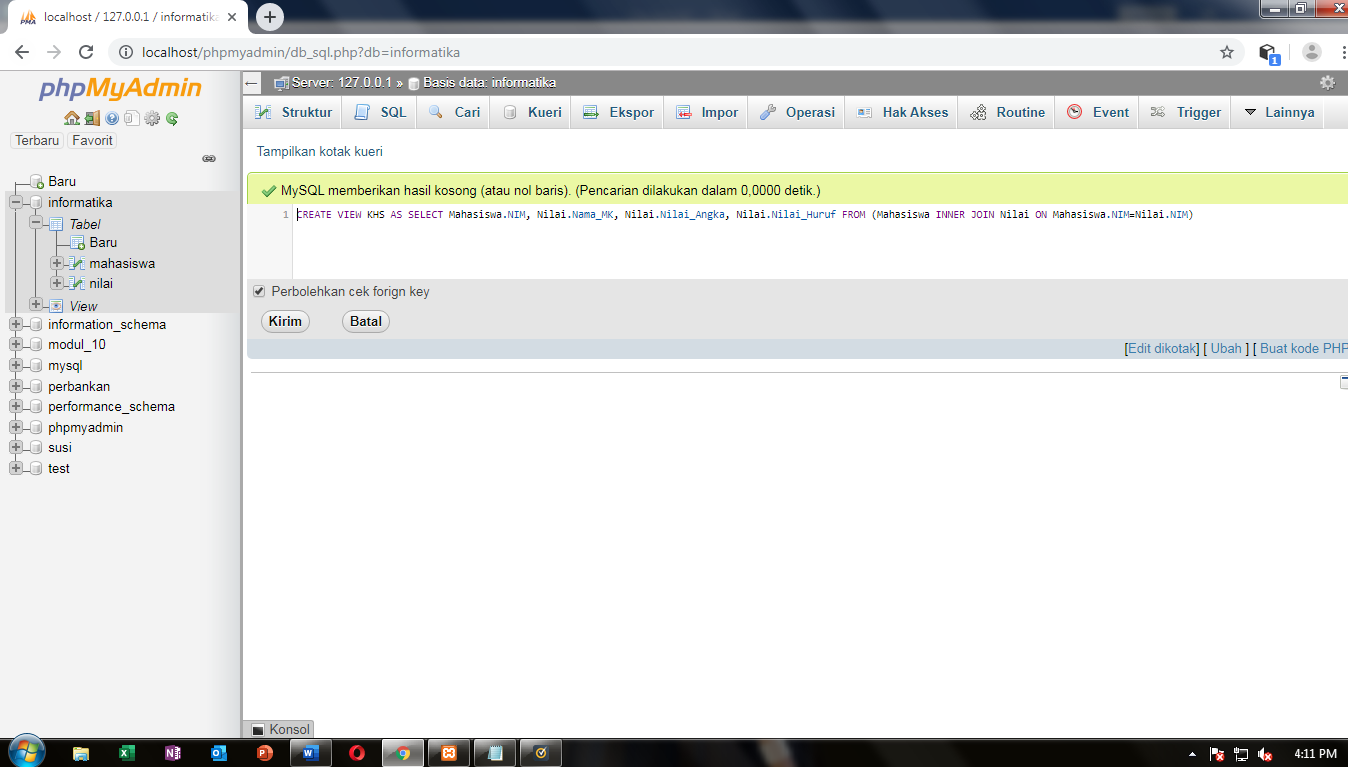
1. SELECT AVG(Nilai\_Angka) 'Rata-rata Nlai' FROM Nilai



1. SELECT SUM(Nilai\_Angka) 'Total Nilai' FROM Nilai



1. CREATE VIEW KHS AS SELECT Mahasiwa.NIM, Nlai.Nama\_MK, Nilai.Nilai\_Angka, Nilai.Nilai\_Huruf FROM (Mahasiswa INNER JOIN Nilai ON Mahasiswa.NIM=Nilai.NIM)



Tugas:

1. Tugas
   1. Select = menampilkan data
   2. Join = menggabungkan data dari dua tabel
   3. Left join = menggabungkan data dari dua table yang tabel kanan yg kosong
   4. Right join = menggabungkan dari dua tabel yang kosong disebleah kiri
   5. Avg = rata-rata data
   6. Sum = penjumlahan data
2. Tugas

UPDATE Mahasiswa SET Alamat='L200080080' WHERE Nama='L200080060'

