**Nama : Indirwan Ihsan Hasibuan**

**Kode Peserta :JVSB01ONL05**

**Sesi :12**

**Requirement 1**

//Query Requirement 1//

-- Adminer 4.8.1 MySQL 5.5.5-10.4.24-MariaDB dump

SET NAMES utf8;

SET time\_zone = '+00:00';

SET foreign\_key\_checks = 0;

SET sql\_mode = 'NO\_AUTO\_VALUE\_ON\_ZERO';

USE `melodi\_indah`;

DROP VIEW IF EXISTS `combine-all-data`;

CREATE TABLE `combine-all-data` (`id\_lagu` int(12), `judul` varchar(50), `id\_album` int(12), `format` enum('CD','MC'), `id\_ssn` int(12), `nama` varchar(50), `nama\_instrumen` enum('Gitar','Piano','Flute'), `kunci\_musik` enum('C','E','G'));

DROP VIEW IF EXISTS `combinelagualbum`;

CREATE TABLE `combinelagualbum` (`id\_lagu` int(12), `id\_album` int(12));

SET NAMES utf8mb4;

DROP TABLE IF EXISTS `tb\_album`;

CREATE TABLE `tb\_album` (

`id\_album` int(12) NOT NULL AUTO\_INCREMENT,

`tgl\_copy` date NOT NULL,

`format` enum('CD','MC') NOT NULL,

PRIMARY KEY (`id\_album`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

DROP TABLE IF EXISTS `tb\_instrumen`;

CREATE TABLE `tb\_instrumen` (

`id\_instrumen` int(10) NOT NULL AUTO\_INCREMENT,

`nama\_instrumen` enum('Gitar','Piano','Flute') NOT NULL,

`kunci\_musik` enum('C','E','G') NOT NULL,

PRIMARY KEY (`id\_instrumen`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

DROP TABLE IF EXISTS `tb\_instrumus`;

CREATE TABLE `tb\_instrumus` (

`id\_instrumus` int(11) NOT NULL AUTO\_INCREMENT,

`id\_ssn` int(12) NOT NULL,

`id\_instrumen` int(10) NOT NULL,

PRIMARY KEY (`id\_instrumus`),

KEY `id\_ssn` (`id\_ssn`),

KEY `id\_instrumen` (`id\_instrumen`),

CONSTRAINT `tb\_instrumus\_ibfk\_1` FOREIGN KEY (`id\_ssn`) REFERENCES `tb\_musisi` (`id\_ssn`),

CONSTRAINT `tb\_instrumus\_ibfk\_2` FOREIGN KEY (`id\_instrumen`) REFERENCES `tb\_instrumen` (`id\_instrumen`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

DROP TABLE IF EXISTS `tb\_lagu`;

CREATE TABLE `tb\_lagu` (

`id\_lagu` int(12) NOT NULL AUTO\_INCREMENT,

`judul` varchar(50) NOT NULL,

`pengarang` varchar(50) NOT NULL,

PRIMARY KEY (`id\_lagu`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

DROP TABLE IF EXISTS `tb\_musisi`;

CREATE TABLE `tb\_musisi` (

`id\_ssn` int(12) NOT NULL AUTO\_INCREMENT,

`nama` varchar(50) NOT NULL,

`alamat` tinytext NOT NULL,

`no\_telp` int(15) NOT NULL,

PRIMARY KEY (`id\_ssn`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

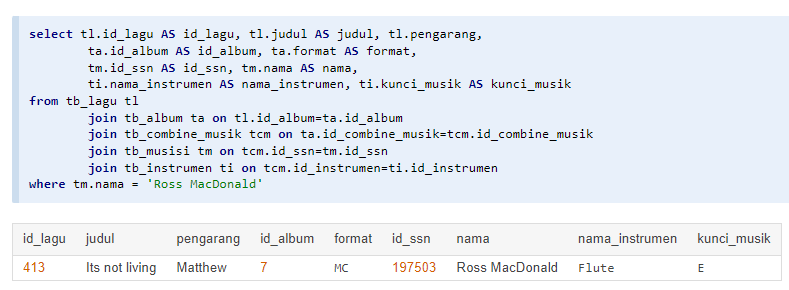
DROP TABLE IF EXISTS `combine-all-data`;

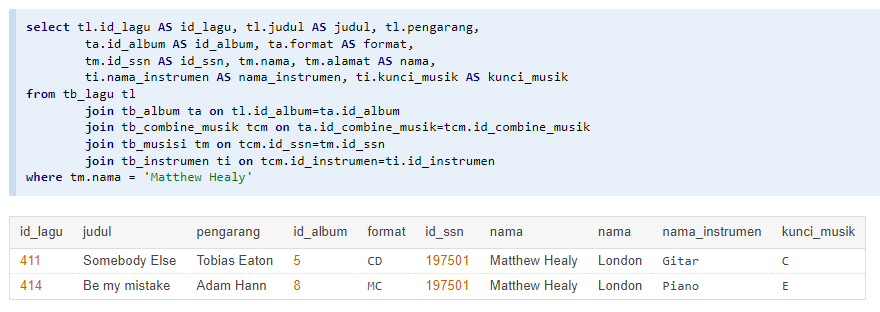
CREATE ALGORITHM=UNDEFINED SQL SECURITY DEFINER VIEW `combine-all-data` AS select `tl`.`id\_lagu` AS `id\_lagu`,`tl`.`judul` AS `judul`,`ta`.`id\_album` AS `id\_album`,`ta`.`format` AS `format`,`tm`.`id\_ssn` AS `id\_ssn`,`tm`.`nama` AS `nama`,`ti`.`nama\_instrumen` AS `nama\_instrumen`,`ti`.`kunci\_musik` AS `kunci\_musik` from (((`tb\_lagu` `tl` join `tb\_album` `ta`) join `tb\_musisi` `tm`) join `tb\_instrumen` `ti`);

//Proses pemilihan data yang ingin ditampilkan//

Urutan yang di tampilkan berdasarkan data dari table:

lagu > album > musisi > instrumen





* Yang ini untuk menampilkan 1 musisi yang memiliki 2 judul lagu, dan di tambahkan query alamat musisi.