-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- This script only creates the Course Enrolment Management database

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- create the database

DROP DATABASE IF EXISTS course\_enrollment\_management;

CREATE DATABASE course\_enrollment\_management;

-- select the database

USE course\_enrollment\_management;

-- drop user if it already exists

DROP USER IF EXISTS yasmin@localhost;

-- create user

CREATE USER yasmin@localhost

IDENTIFIED BY 'pagolmon';

-- grant privileges to that user

GRANT SELECT, INSERT, DELETE, UPDATE

ON course\_enrollment\_management.\*

TO yasmin@localhost;

CREATE TABLE `register` (

`reg\_id` int(11) NOT NULL AUTO\_INCREMENT,

`type` varchar(50) NOT NULL,

`name` varchar(50) NOT NULL,

`email` varchar(50) NOT NULL,

`password` varchar(255) NOT NULL,

`confirm\_password` varchar(255) NOT NULL,

`dob` date DEFAULT NULL,

`gender` varchar(10) NOT NULL,

PRIMARY KEY (`reg\_id`),

UNIQUE KEY `email` (`email`)

) ENGINE=InnoDB AUTO\_INCREMENT=16 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `login` (

`login\_id` int(11) NOT NULL AUTO\_INCREMENT,

`reg\_id` int(11) NOT NULL,

`email` varchar(50) NOT NULL,

`password` binary(64) NOT NULL,

`login\_date` date DEFAULT NULL,

PRIMARY KEY (`login\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=351 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `course\_info` (

`course\_id` int(11) NOT NULL AUTO\_INCREMENT,

`course\_name` varchar(50) NOT NULL,

`course\_code` varchar(50) NOT NULL,

`course\_credit` int(11) NOT NULL,

`class\_room\_id` int(11) NOT NULL,

`semester\_id` int(11) NOT NULL,

PRIMARY KEY (`course\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=31 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `instructor\_course\_info` (

`instructor\_course\_info\_id` int(11) NOT NULL AUTO\_INCREMENT,

`instructor\_id` int(11) NOT NULL,

`course\_id` int(11) NOT NULL,

PRIMARY KEY (`instructor\_course\_info\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=31 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `student\_course\_info` (

`student\_course\_info\_id` int(11) NOT NULL AUTO\_INCREMENT,

`student\_id` int(11) NOT NULL,

`course\_id` int(11) NOT NULL,

`instructor\_id` int(11) NOT NULL,

`if\_enrolled` bit(1) NOT NULL DEFAULT b'0',

PRIMARY KEY (`student\_course\_info\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `semester\_info` (

`semester\_id` int(11) NOT NULL AUTO\_INCREMENT,

`semester\_name` varchar(45) NOT NULL,

`Year` varchar(45) NOT NULL,

PRIMARY KEY (`semester\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `class\_room\_info` (

`class\_room\_id` int(11) NOT NULL AUTO\_INCREMENT,

`time` varchar(45) NOT NULL,

PRIMARY KEY (`class\_room\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `letter\_grade` (

`letter\_grade\_id` int(11) NOT NULL AUTO\_INCREMENT,

`reg\_id` int(11) NOT NULL,

`course\_id` int(11) NOT NULL,

`grade` varchar(10) DEFAULT NULL,

PRIMARY KEY (`letter\_grade\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=12 DEFAULT CHARSET=utf8mb4;

CREATE TABLE `profile` (

`profile\_id` int(11) NOT NULL AUTO\_INCREMENT,

`reg\_id` int(11) NOT NULL,

`name` varchar(50) NOT NULL,

`date\_of\_birth` date NOT NULL,

`gender` varchar(50) NOT NULL,

`email` varchar(50) NOT NULL,

PRIMARY KEY (`profile\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

INSERT INTO register VALUES(DEFAULT, 'teacher' , 'Devid Cameroon', 'david@aum.edu', 'dc@36117','dc@36117','2020-12-29', 'male' );

INSERT INTO register VALUES(DEFAULT, 'teacher' , 'John Doe', 'jdoe@aum.edu', 'jd@36117','dc@36117','2020-12-29', 'male' );

INSERT INTO register VALUES(DEFAULT, 'teacher' , 'Susan Fletcher', 'sfletcher@aum.edu', 'sf@36117','sf@36117','2020-12-29', 'female' );

INSERT INTO register VALUES(DEFAULT, 'student' , 'John Sina', 'jsina@aum.edu', 'jc@36117','jc@36117','2020-12-29', 'male' );

INSERT INTO register VALUES(DEFAULT, 'student' , 'Ron Michael', 'ron@aum.edu', 'ron@36117','ron@36117','2020-12-29', 'male' );

INSERT INTO register VALUES(DEFAULT, 'student' , 'Debbie Roy', 'roy@aum.edu', 'roy@36117','roy@36117','2020-12-29', 'female' );

INSERT INTO course\_info VALUES(default, 'Data Structure', 'CSCI2000', 3, 1,1);

INSERT INTO course\_info VALUES(default, 'Object Oriented Programming in C++', 'CSCI2001', 3, 2,1);

INSERT INTO course\_info VALUES(default, 'Software Engineering', 'CSCI2002', 3, 3,1);

INSERT INTO course\_info VALUES(default, 'Algorithm', 'CSCI2003', 3, 4,1);

INSERT INTO course\_info VALUES(default, 'Computer Architecture', 'CSCI2004', 3, 5,1);

INSERT INTO course\_info VALUES(default, 'Data Structure', 'CSCI2000', 3, 1,2);

INSERT INTO course\_info VALUES(default, 'Object Oriented Programming in C++', 'CSCI2001', 3, 2,2);

INSERT INTO course\_info VALUES(default, 'Software Engineering', 'CSCI2002', 3, 3,2);

INSERT INTO course\_info VALUES(default, 'Algorithm', 'CSCI2003', 3, 4,2);

INSERT INTO course\_info VALUES(default, 'Computer Architecture', 'CSCI2004', 3, 5,2);

INSERT INTO course\_info VALUES(default, 'Data Structure', 'CSCI2000', 3, 1,3);

INSERT INTO course\_info VALUES(default, 'Object Oriented Programming in C++', 'CSCI2001', 3, 2,3);

INSERT INTO course\_info VALUES(default, 'Software Engineering', 'CSCI2002', 3, 3,3);

INSERT INTO course\_info VALUES(default, 'Algorithm', 'CSCI2003', 3, 4,3);

INSERT INTO course\_info VALUES(default, 'Computer Architecture', 'CSCI2004', 3, 5,3);

INSERT INTO class\_room\_info VALUES(default, '10:30 AM');

INSERT INTO class\_room\_info VALUES(default, '12:30 AM');

INSERT INTO class\_room\_info VALUES(default, '02:30 AM');

INSERT INTO class\_room\_info VALUES(default, '04:30 AM');

INSERT INTO class\_room\_info VALUES(default, '05:30 AM');

INSERT INTO semester\_info VALUES(default, 'Spring', '2020');

INSERT INTO semester\_info VALUES(default, 'Summer', '2020');

INSERT INTO semester\_info VALUES(default, 'Fall', '2020');

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 2, 1);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 2, 2);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 2, 3);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 2, 4);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 2, 5);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 1);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 2);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 3);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 4);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 5);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 4, 1);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 4, 2);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 4, 3);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 4);

INSERT INTO instructor\_course\_info VALUES(DEFAULT, 3, 5);

INSERT INTO student\_course\_info VALUES

(DEFAULT, 1,1,2, 0),

(DEFAULT, 1,2,2, 0),

(DEFAULT, 1,3,2, 0),

(DEFAULT, 1,4,2, 0),

(DEFAULT, 1,5,2, 0),

(DEFAULT, 5,1,3, 0),

(DEFAULT, 5,2,3, 0),

(DEFAULT, 5,3,3, 0),

(DEFAULT, 5,4,3, 0),

(DEFAULT, 5,5,3, 0),

(DEFAULT, 6,1,4, 0),

(DEFAULT, 6,2,4, 0),

(DEFAULT, 6,3,4, 0),

(DEFAULT, 6,4,4, 0),

(DEFAULT, 6,5,4, 0),

(DEFAULT, 7,1,2, 0),

(DEFAULT, 7,2,2, 0),

(DEFAULT, 7,3,2, 0),

(DEFAULT, 7,4,2, 0),

(DEFAULT, 7,5,2, 0);