-- script to create ALUMNI database

-- revised 5/4/2018

DROP TABLE graduation CASCADE CONSTRAINTS;

DROP TABLE donation CASCADE CONSTRAINTS;

DROP TABLE alumni CASCADE CONSTRAINTS;

DROP TABLE fund CASCADE CONSTRAINTS;

DROP TABLE company CASCADE CONSTRAINTS;

DROP TABLE degree CASCADE CONSTRAINTS;

DROP TABLE work\_experience CASCADE CONSTRAINTS;

DROP TABLE location CASCADE CONSTRAINTS;

CREATE TABLE LOCATION

(loc\_id NUMBER(7),

house\_number NUMBER(3),

street VARCHAR2(20),

city VARCHAR2(20),

state VARCHAR2(20),

zip\_code NUMBER(5),

CONSTRAINT location\_loc\_id\_pk PRIMARY KEY (loc\_id));

CREATE TABLE alumni

(student\_id NUMBER(7),

loc\_id NUMBER(7),

student\_name VARCHAR2(30),

student\_ic NUMBER(12),

work\_number NUMBER(8),

phone\_number NUMBER(10),

home\_number NUMBER(8),

email VARCHAR2(40),

CONSTRAINT alumni\_student\_id\_pk PRIMARY KEY (student\_id),

CONSTRAINT alumni\_loc\_id\_fk FOREIGN KEY (loc\_id) REFERENCES location (loc\_id));

CREATE TABLE graduation

(student\_id NUMBER(7),

graduation\_year NUMBER(4),

CONSTRAINT graduation\_student\_id\_fk FOREIGN KEY (student\_id) REFERENCES alumni (student\_id));

CREATE TABLE degree

(student\_id NUMBER(7),

date\_of\_certification DATE,

degree\_name VARCHAR2(30),

CONSTRAINT degree\_student\_id\_fk FOREIGN KEY (student\_id) REFERENCES alumni (student\_id));

CREATE TABLE company

(company\_id NUMBER(7),

company\_name VARCHAR2(30),

company\_start\_year NUMBER(4),

house\_number NUMBER(3),

street VARCHAR2(20),

city VARCHAR2(20),

state VARCHAR2(20),

zip\_code NUMBER(5),

office\_number NUMBER(8),

CONSTRAINT company\_company\_id\_pk PRIMARY KEY (company\_id));

CREATE TABLE work\_experience

(student\_id NUMBER(7),

company\_id NUMBER(7),

salary NUMBER(5),

date\_join DATE,

date\_leave DATE,

job\_title VARCHAR2(20),

CONSTRAINT work\_experience\_student\_id\_fk FOREIGN KEY (student\_id) REFERENCES alumni (student\_id),

CONSTRAINT work\_experience\_company\_id\_fk FOREIGN KEY (company\_id) REFERENCES company (company\_id));

CREATE TABLE fund

(fund\_id NUMBER(7),

fund\_description VARCHAR2(50),

CONSTRAINT fund\_fund\_id\_pk PRIMARY KEY (fund\_id));

CREATE TABLE donation

(student\_id NUMBER(7),

company\_id NUMBER(7),

fund\_id NUMBER(7),

donated\_amount NUMBER(6),

donation\_date DATE,

CONSTRAINT donation\_student\_id\_fk FOREIGN KEY (student\_id) REFERENCES alumni (student\_id),

CONSTRAINT donation\_company\_id\_fk FOREIGN KEY (company\_id) REFERENCES company (company\_id),

CONSTRAINT donation\_fund\_id\_fk FOREIGN KEY (fund\_id) REFERENCES fund (fund\_id));

---- inserting into LOCATION table

INSERT INTO location VALUES ('1','40','Jalan Perlak 5','Kuala Lumpur','KL','57000');

INSERT INTO location VALUES ('2','50','Jalan Ampang 3','Pekan','Kuantan','56773');

INSERT INTO location VALUES ('3','12','Jalan Bukit 3','Kota Bharu','Kelantan','56123');

INSERT INTO location VALUES ('4','32','Jalan Bapa 1','Muar','Johor','23451');

INSERT INTO location VALUES ('5','12','Jalan Serai','Alor Setar','Kedah','58902');

INSERT INTO location VALUES ('6','15','Jalan Langgar','Langgar','Kedah','58901');

INSERT INTO location VALUES ('7','32','Lorong Kuching','George Town','Penang','57123');

INSERT INTO location VALUES ('8','54','Jalan Selamat','Ipoh','Perak','57321');

INSERT INTO location VALUES ('9','23','Jalan Cempaka 7','Perringit','Malacca','57345');

--- inserting records into ALUMNI table

INSERT INTO Alumni VALUES

('1701281','1','Lee Hoe Mun','981127891123','90585906','0189457868','90552312','leehoemun@gmail.com');

INSERT INTO Alumni VALUES

('1701391','2','Angeline Shu Jin Ling','981123883241','90681123','0178827973','90123309','nihao@gmail.com');

INSERT INTO Alumni VALUES

('1709324','3','Yong Kok Hao','970513341123','90123324','0103321123','90883233','iamgod@gmail.com');

INSERT INTO Alumni VALUES

('1702983','4','Teh Liang Wei','981212930193','90331231','0193391029','90319849','qwertyuiop@gmail.com');

INSERT INTO Alumni VALUES

('1602112','5','Lee Lok Sheng','980129135599','90281738','0199890101','90872218','whyudothis@gmail.com');

INSERT INTO Alumni VALUES

('1501331','6','Lim Shu Jie','980327145033',NULL,'0123912203','90214543','shujie@gmail.com');

INSERT INTO Alumni VALUES

('1401232','7','Liew Hew Yan','980822885049','90321345','0103392013','90223291','ahyann@gmail.com');

INSERT INTO Alumni VALUES

('1402113','8','Lim Zi Yin','960423119033','92931234','0173320312','93012293','ziyin@gmail.com');

INSERT INTO Alumni VALUES

('1501923','9','Tan Ying Yao','950908324584','90583920','0188943012','91234853','yingyao@gmail.com');

INSERT INTO Alumni VALUES

('1503984','9','Lee Hoe Yien','951230346430','90839023','0188888888','90238495','hoeyien@hotmail.com');

--- inserting records into GRADUATION table

INSERT INTO graduation VALUES ('1701281','2018');

INSERT INTO graduation VALUES ('1701391','2017');

INSERT INTO graduation VALUES ('1709324','2018');

INSERT INTO graduation VALUES ('1702983','2017');

INSERT INTO graduation VALUES ('1602112','2018');

INSERT INTO graduation VALUES ('1501331','2017');

INSERT INTO graduation VALUES ('1401232','2017');

INSERT INTO graduation VALUES ('1402113','2018');

INSERT INTO graduation VALUES ('1501923','2018');

INSERT INTO graduation VALUES ('1503984','2017');

--- inserting records into DEGREE table

INSERT INTO degree VALUES

('1701281',TO\_DATE('05/04/2018','DD/MM/YYYY'),'Software Engineering');

INSERT INTO degree VALUES

('1701391',TO\_DATE('03/04/2017','DD/MM/YYYY'),'Environmental Engineering');

INSERT INTO degree VALUES

('1709324',TO\_DATE('02/07/2018','DD/MM/YYYY'),'Accounting');

INSERT INTO degree VALUES

('1702983',TO\_DATE('03/04/2017','DD/MM/YYYY'),'English Language');

INSERT INTO degree VALUES

('1602112',TO\_DATE('02/07/2018','DD/MM/YYYY'),'Game Design');

INSERT INTO degree VALUES

('1501331',TO\_DATE('05/07/2018','DD/MM/YYYY'),'Business Administration');

INSERT INTO degree VALUES

('1401232',TO\_DATE('08/08/2017','DD/MM/YYYY'),'International Business');

INSERT INTO degree VALUES

('1402113',TO\_DATE('30/01/2018','DD/MM/YYYY'),'Chemical Engineering');

INSERT INTO degree VALUES

('1501923',TO\_DATE('25/02/2018','DD/MM/YYYY'),'Civil Engineering');

INSERT INTO degree VALUES

('1503984',TO\_DATE('30/12/2017','DD/MM/YYYY'),'Software Engineering');

--- inserting records into COMPANY table

INSERT INTO company VALUES

('9900001','Google','1998','20','Jalan Google','Google City','Google State','98120','99891022');

INSERT INTO company VALUES

('9900002','Samsung','1975','30','Jalan Samsung','Samsung City','Samsung State','34123','22345655');

INSERT INTO company VALUES

('9900003','Tesla','1980','10','Jalan Tesla','Tesla City','Tesla State','55674','22313567');

INSERT INTO company VALUES

('9900004','Iris','1975',NULL,'Jalan Inovasi 3','Sri Petaling','Kuala Lumpur','57000','90229301');

INSERT INTO company VALUES

('9900005','Pfizer','1999',NULL,'Avenue 5','Cheras','Kuala Lumpur','58000','93219931');

INSERT INTO company VALUES

('9900006','Aluminium Company','1987','3','Persiaran Waja','Klang','Selangor','41050','90123922');

INSERT INTO company VALUES

('9900007','Nestle','1998','1','Persiaran Waja','Klang','Selangor','41050','90123321');

INSERT INTO company VALUES

('9900008','Yeepi Gas Lighter','1989','51','Jalan PJU 1/37','Petaling Jaya','Selangor','47301','95031192');

INSERT INTO company VALUES

('9900009','Stryker','1990','129','Jalan Universiti','Petaling Jaya','Selangor','46200','98332012');

INSERT INTO company VALUES

('9900010','Power Steel','2003','15','Jalan Pengapit 5/19','Shah Alam','Selangor','40200','95230012');

--- inserting records into WORK\_EXPERIENCE table

INSERT INTO work\_experience VALUES

('1701281','9900001','7000',TO\_DATE('01/05/2018','DD/MM/YY'),NULL,'Manager');

INSERT INTO work\_experience VALUES

('1701391','9900002','6000',TO\_DATE('01/05/2017','DD/MM/YY'),NULL,'Software Engineer');

INSERT INTO work\_experience VALUES

('1709324','9900003','8000',TO\_DATE('01/08/2018','DD/MM/YY'),NULL,'HQ');

INSERT INTO work\_experience VALUES

('1702983','9900004','5000',TO\_DATE('01/05/2017','DD/MM/YY'),NULL,'Accountant');

INSERT INTO work\_experience VALUES

('1602112','9900005','6000',TO\_DATE('01/08/2018','DD/MM/YY'),NULL,'Director');

INSERT INTO work\_experience VALUES

('1501331','9900006','4000',TO\_DATE('01/08/2018','DD/MM/YY'),NULL,'HQ');

INSERT INTO work\_experience VALUES

('1401232','9900007','3000',TO\_DATE('01/09/2017','DD/MM/YY'),NULL,'Manager');

INSERT INTO work\_experience VALUES

('1402113','9900008','5000',TO\_DATE('01/03/2018','DD/MM/YY'),NULL,'Software Engineer');

INSERT INTO work\_experience VALUES

('1501923','9900009','7000',TO\_DATE('01/04/2018','DD/MM/YY'),NULL,'Accountant');

INSERT INTO work\_experience VALUES

('1503984','9900010','6000',TO\_DATE('01/02/2018','DD/MM/YY'),NULL,'Typist');

--- inserting records into FUND table

INSERT INTO fund VALUES ('1800001','Computer Facility');

INSERT INTO fund VALUES ('1800002','Chemical Lab Facility');

INSERT INTO fund VALUES ('1800003','Class Expansion');

INSERT INTO fund VALUES ('1800004','Beautify University');

INSERT INTO fund VALUES ('1800005','Expand Car Park');

--- inserting records into DONATION table

INSERT INTO donation VALUES ('1701281',NULL,'1800001','90',TO\_DATE('05/04/2018','DD/MM/YY'));

INSERT INTO donation VALUES (NULL,'9900001','1800002','1000',TO\_DATE('03/04/2018','DD/MM/YY'));

INSERT INTO donation VALUES ('1503984',NULL,'1800003','50',TO\_DATE('04/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES (NULL,'9900003','1800004','3000',TO\_DATE('05/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES (NULL,'9900004','1800005','5000',TO\_DATE('06/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES ('1602112',NULL,'1800001','20',TO\_DATE('07/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES ('1709324',NULL,'1800003','10',TO\_DATE('08/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES ('1501923',NULL,'1800004','30',TO\_DATE('09/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES

(NULL,'9900002','1800002','4000',TO\_DATE('10/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES (NULL,'9900009','1800003','3000',TO\_DATE('11/03/2018','DD/MM/YY'));

INSERT INTO donation VALUES (NULL,'9900003','1800002','1000',TO\_DATE('12/03/2018','DD/MM/YY'));

COMMIT;