**1A**

SELECT NOMEM, (YEAR(CURRENT\_DATE)-YEAR(FECNA)) AS EDAD FROM TEMPLE WHERE (YEAR(CURRENT\_DATE)-YEAR(FECNA))>50 ORDER BY EDAD, NOMEM

**B**

SELECT NOMEM FROM TEMPLE WHERE NUMDE=(SELECT NUMDE FROM TDEPTO WHERE DIREC = (SELECT NUMEM FROM TEMPLE WHERE NOMEM LIKE "%GARCIA, OCTAVIO%")) AND NOMEM NOT LIKE "%GARCIA, OCTAVIO%" ORDER BY NOMEM

**C**

SELECT (MAX(SALAR)-MIN(SALAR)) FROM TEMPLE WHERE NUMDE = (SELECT NUMDE FROM TDEPTO WHERE NOMDE LIKE "%PROCESO DE DATOS%")

**D**

SELECT \* FROM TEMPLE WHERE NUMDE NOT IN (SELECT NUMDE FROM TDEPTO)

**E**

SELECT NOMDE FROM TDEPTO WHERE PRESU\*1000<(SELECT (SUM(SALAR\*12))/2 FROM TEMPLE WHERE TDEPTO.NUMDE=TEMPLE.NUMDE) ORDER BY NOMDE

**F**

SELECT MAX(SALAR), MIN(SALAR) FROM TEMPLE WHERE NUMHI IS NOT NULL GROUP BY NUMHI HAVING COUNT(\*)>=1 AND MAX(SALAR)>2000

**G**

SELECT NOMDE FROM TDEPTO WHERE DEPDE IN (SELECT NUMDE FROM TDEPTO WHERE PRESU < 50) ORDER BY NOMDE

**2A**

CREATE TABLE TRABAJADOR (

IdTrab INT (11) NOT NULL,

Nombre VARCHAR (20) NOT NULL,

Tarifa DECIMAL (8,2) NOT NULL,

Oficio VARCHAR (25) NOT NULL,

IdSupv INT(11) NOT NULL,

PRIMARY KEY (IdTrab)

)

ALTER TABLE TRABAJADOR ADD

FOREIGN KEY (IdSupv) REFERENCES TRABAJADOR.IdTrab MATCH FULL ON DELETE CASCADE ON UPDATE CASCADE

CREATE TABLE EDIFICIO (

IdEdif INT(11) NOT NULL,

Direccion VARCHAR(25) NOT NULL,

Tipo VARCHAR(25) NOT NULL,

Categoria INT(11) NOT NULL,

PRIMARY KEY (IdEdif)

)

CREATE TABLE INTERVENCION (

IdTrab INT(11) NOT NULL,

IdEdif INT(11) NOT NULL,

FchaIni DATETIME,

NumDias INT(11) NOT NULL,

PRIMARY KEY (IdTrab,IdEdif,FechaIni)

)

ALTER TABLE INTERVENCION ADD FOREIGN KEY(IdTrab) REFERENCES TRABAJADOR.IdTrab MATCH FULL ON DELETE CASCADE ON UPDATE CASCADE

ALTER TABLE INTERVENCION ADD FOREIGN KEY(IdEdif) REFERENCES EDIFICIO.IdEdif MATCH FULL ON DELETE CASCADE ON UPDATE CASCADE

**B**

INSERT INTO TRABAJADOR(IdTrab, Nombre, Tarifa, Oficio, IdSupv) VALUES (1235, 'M. FARADAY', 12.5, 'ELECTRICISTA', 1311), (1311, 'C. COULOMB', 15.5, 'ELECTRICISTA', 1311), (1412, 'C. NEMO', 13.75, 'FONTANERO', 1520), (1520, 'H. RICKOVER', 11.75, 'FONTANERO', 1520), (2920, 'R. GARRET', 10.0, 'ALBAÑIL', 2920), (3001, 'J. BARRISTER', 8.2, 'CARPINTERO', 3231), (3231, 'P. MASON', 17.4, 'CARPINTERO', 3231)

**C**

UPDATE TRABAJADOR SET Tarifa=(Tarifa+(Tarifa\*0.05)) WHERE IdSupv = (SELECT IdTrab FROM TRABAJADOR WHERE Nombre LIKE '%C.COULOMB%') AND Nombre NOT LIKE '%C.COULOMB%'