6.77	CREATE TABLE categoria (cod_cat VARCHAR(15), descripcio VARCHAR(50));

6.78	CREATE TABLE article
	  (cod_a VARCHAR(10),
	    descrip VARCHAR(50),
	    preu NUMERIC(6,2),
	    stock NUMERIC(4,0),
	    stock_min NUMERIC(4,0),
	    cod_cat VARCHAR(15));

6.79	CREATE TABLE provincia
	  (cod_pro NUMERIC(2,0) CONSTRAINT cp_pro PRIMARY KEY,
	    nom VARCHAR(50));

6.80	CREATE TABLE poble
	  (cod_pob NUMERIC(5,0) CONSTRAINT cp_pob PRIMARY KEY,
	    nom VARCHAR(50),
	    cod_pro NUMERIC(2,0) CONSTRAINT ce_pob_pro REFERENCES provincia);

6.81	CREATE TABLE venedor
	  (cod_ven NUMERIC(5,0) CONSTRAINT cp_ven PRIMARY KEY,
	    nom VARCHAR(100),
	    adreca VARCHAR(100),
	    cp NUMERIC(5,0),
	    cod_pob NUMERIC(5,0) CONSTRAINT ce_ven_pob REFERENCES poble,
	    cod_cap NUMERIC(5,0));

6.82	CREATE TABLE client
	  (cod_cli NUMERIC(5,0) CONSTRAINT cp_cli PRIMARY KEY,
	    nom VARCHAR(100),
	    adreca VARCHAR(100),
	    cp NUMERIC(5,0),
	    cod_pob NUMERIC(5,0) CONSTRAINT ce_cli_pob REFERENCES poble);

6.83	CREATE TABLE factura
	  (num_f NUMERIC(5,0) CONSTRAINT cp_fac PRIMARY KEY,
	    data DATE,
	    cod_cli NUMERIC(5,0) CONSTRAINT ce_fac_cli REFERENCES client NOT NULL,
	    cod_ven NUMERIC(5,0) CONSTRAINT ce_fac_ven REFERENCES venedor,
	    iva NUMERIC(2,0),
	    dte NUMERIC(2,0));

6.84	CREATE TABLE linia_fac
	  (num_f NUMERIC(5,0),
	    num_l NUMERIC(3,0),
	    cod_a VARCHAR(10) NOT NULL,
	    quant NUMERIC(5,0),
	    preu NUMERIC(6,2),
	    dte NUMERIC(2,0),
	    CONSTRAINT cp_lin PRIMARY KEY (num_f, num_l));

6.85	ALTER TABLE venedor ADD COLUMN alies VARCHAR UNIQUE NOT NULL;
6.86	ALTER TABLE venedor DROP COLUMN alies ;
6.87	ALTER TABLE categoria ADD CONSTRAINT cp_cat PRIMARY KEY (cod_cat);

6.88	ALTER TABLE article
	    ADD CONSTRAINT cp_art PRIMARY KEY (cod_a),
	    ADD CONSTRAINT ce_art_cat FOREIGN KEY (cod_cat) REFERENCES categoria;

6.89	ALTER TABLE linia_fac
	    ADD CONSTRAINT ce_lin_fac FOREIGN KEY (num_f) REFERENCES factura
	        ON DELETE CASCADE,
	    ADD CONSTRAINT ce_lin_art FOREIGN KEY (cod_a) REFERENCES article;

6.90	CREATE INDEX i_nom_cli ON client (nom);
6.91	CREATE INDEX i_adr_ven ON venedor (cp, adreca DESC);

6.92	CREATE VIEW RESUM_FACTURA AS
	    SELECT num_f, FACTURA.data, FACTURA.cod_cli, SUM(preu*quant) as import,
	    SUM(preu*quant*(1-(COALESCE(LINIA_FAC.dte,0)/100))) as descompte_1,
	    SUM(preu*quant*(1-(COALESCE(LINIA_FAC.dte,0)/100))*
	    (1-(COALESCE(FACTURA.dte,0)/100))) as descompte_2
	    FROM LINIA_FAC INNER JOIN FACTURA USING(num_f)
	    GROUP BY num_f, FACTURA.data, FACTURA.cod_cli
	    ORDER BY 1;

6.93	INSERT INTO categoria
	    VALUES ('BjcOlimpia','Components Bjc Seria Olimpia'),
	        ('Legrand','Components marca Legrand'),
	        ('IntMagn','Interruptor Magnetotérmico'),
	        ('Niessen','Components Niesen Serie Lisa');

6.94	INSERT INTO article
	    VALUES ('B10028B','Cruzamiento Bjc Serie Olimpia',4.38,2,1,'BjcOlimpia'),
	        ('B10200B','Cruzamiento Bjc Olimpia Con Visor',0.88,29,NULL,'BjcOlimpia'),
	        ('L16550','Cartucho Fusible Legrand T2 250 A',5.89,1,1,'Legrand'),
	        ('L16555','Cartucho Fusible Legrand T2 315 A',5.89,3,3,'Legrand'),
	        ('IM2P10L','Interruptor Magnetotermico 2p, 4',14.84,2,1,'IntMagn'),
	        ('N8008BA','Base Tt Lateral Niessen Trazo Bla',4.38,6,6,'Niessen');

6.95	INSERT INTO client (cod_cli,nom,adreca,cp)
	    VALUES (303,'MIRAVET SALA, MARIA MERCEDES','URBANIZACION EL BALCO, 84-11',NULL),
	        (306,'SAMPEDRO SIMO, MARIA MERCEDES','FINELLO, 161',12217),
	        (387,'TUR MARTIN, MANUEL FRANCISCO','CALLE PEDRO VIRUELA, 108-8',12008);

6.96	INSERT INTO factura VALUES (6535,'2015-01-01',306,NULL,21,10); INSERT INTO linia_fac VALUES (6535,1,'L16555',2,5.89,25);
6.97	INSERT INTO factura VALUES (6559,'2015-02-16',387,NULL,10,10); INSERT INTO linia_fac VALUES (6559,1,'IM2P10L',3,14.84,NULL), (6559,2,'N8008BA',6,4.38,20);
6.98	DELETE FROM factura WHERE num_f=6559;
6.99	DELETE FROM article WHERE stock_min IS NULL;
6.100	UPDATE client SET cp=NULL;
6.101	UPDATE article SET preu=preu*1.05 WHERE cod_cat='BjcOlimpia';