Answer for Chapter 1 & 2 Problem Exercises.

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#Keywords of SQL are ALL CAPITALIZE for EMPHASIS only.

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I. Chapter Exercises

1. B. (Primary Key)

2. D. (CONNECT TO databaseNameHere)

3. D. (Composite Key)

4. A. (REORG Table)

5. B. (5)

6. D. (DELETE FROM student WHERE lastName = 'Thompson'

7. C. (DESCRIBE TABLE product)

8. A. (yearLevel CHAR(3) CONSTRAINT year\_ck CHECK (yearLevel IN (‘FRE’, ’SOP’, ’JUN’, ‘SEN’))

9. B. (UPDATE employee SET salary = salary + salary \* 0.10)

10. B. (prodCode VARCHAR(6) NOT NULL PRIMARY KEY)

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II. Problems

1. IMPORT FROM 'Path here' OF DEL INSERT INTO jobHistory

IMPORT FROM 'Path here' OF DEL INSERT INTO employee

2. CREATE TABLE product(prodCode VARCHAR(6) NOT NULL PRIMARY KEY, description VARCHAR(20) NOT NULL, unit VARCHAR(3) CONSTRAINT unit\_ck CHECK(unit IN('pc','ea','mtr','pkg','ltr')))

CREATE TABLE customer(custNo VARCHAR(5) NOT NULL PRIMARY KEY, custName VARCHAR(20) NOT NULL, address VARCHAR(50) NOT NULL, payTerms VARCHAR(3) CONSTRAINT payTerms\_check CHECK(payTerms IN ('COD','30D','45D')))

CREATE TABLE sales(transNo VARCHAR(8) NOT NULL PRIMARY KEY, salesDate DATE NOT NULL, custNo VARCHAR(5) NOT NULL REFERENCES customer, empNo VARCHAR(5) NOT NULL REFERENCES employee)

CREATE TABLE payment(ORNo VARCHAR(8) NOT NULL PRIMARY KEY, payDate DATE NOT NULL, amount DECIMAL(10,2) CONSTRAINT amount\_check CHECK(amount >= 1))