

MySQL Assignment 1

FSE MySQL Assignment



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Cognizant

Kolkata

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# **DATABASE CREATION SCRIPT:**

CREATE DATABASE ‘CATALOGUE’;

# **TABLE CREATION SCRIPT:**

CREATE TABLE SUBJECT (

SUBJECT\_ID BIGINT(4) NOT NULL AUTO\_INCREMENT,

SUBTITLE varchar(30) NOT NULL,

DURATION\_IN\_HOURS INT(4) NOT NULL,

PRIMARY KEY (SUBJECT\_ID)

);

CREATE TABLE BOOK (

BOOK\_ID BIGINT(4)NOT NULL AUTO\_INCREMENT,

TITLE VARCHAR(30) NOT NULL,

PRICE decimal(8,2) NOT NULL,

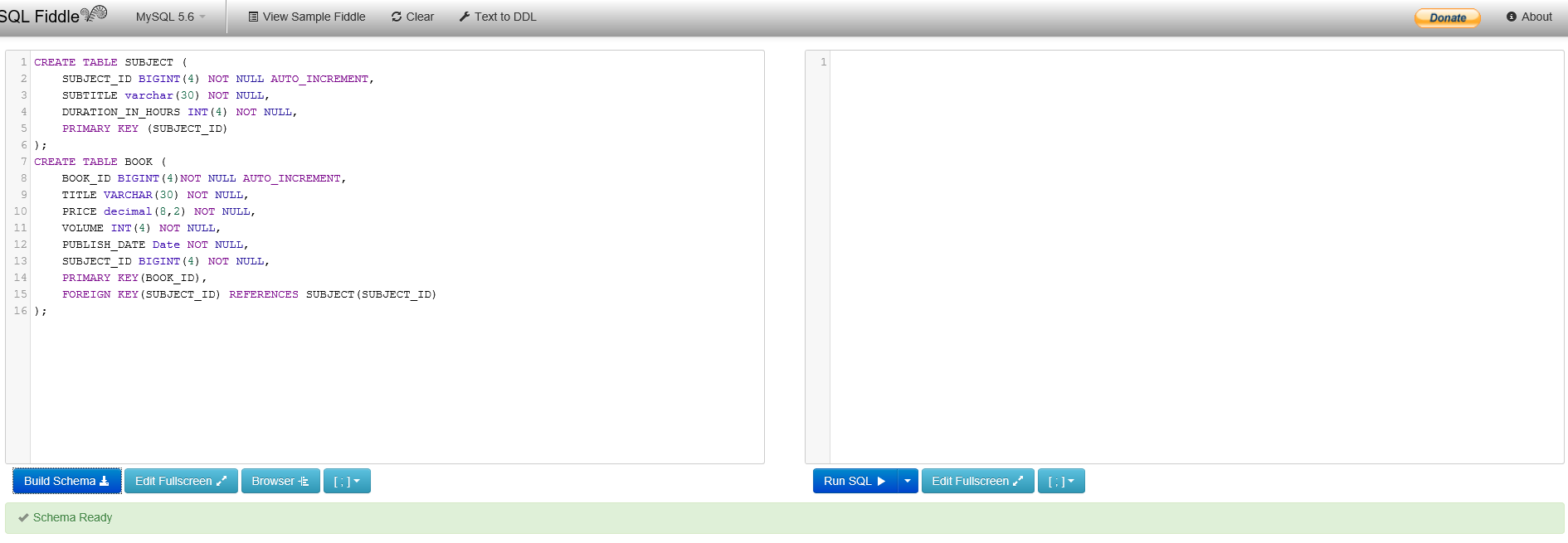
VOLUME INT(4) NOT NULL,

PUBLISH\_DATE Date NOT NULL,

SUBJECT\_ID BIGINT(4) NOT NULL,

PRIMARY KEY(BOOK\_ID),

FOREIGN KEY(SUBJECT\_ID) REFERENCES SUBJECT(SUBJECT\_ID));



# **TABLE INSERT SCRIPT:**

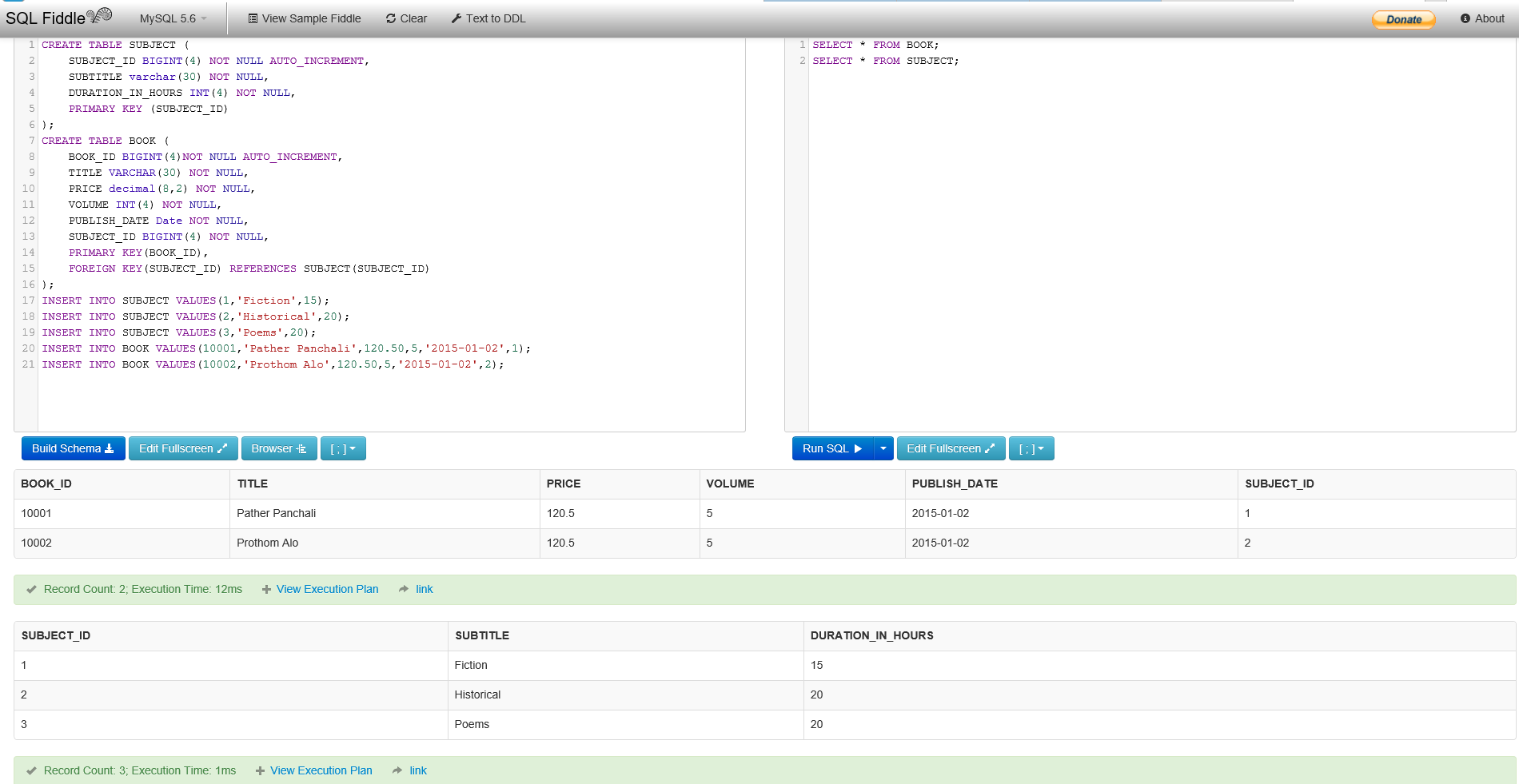
INSERT INTO SUBJECT VALUES(1,'Fiction',15);

INSERT INTO SUBJECT VALUES(2,'Historical',20);

INSERT INTO SUBJECT VALUES(3,'Poems',20);

INSERT INTO BOOK VALUES(10001,'Pather Panchali',120.50,5,'2015-01-02',1);

INSERT INTO BOOK VALUES(10002,'Prothom Alo',120.50,5,'2015-01-02',2);



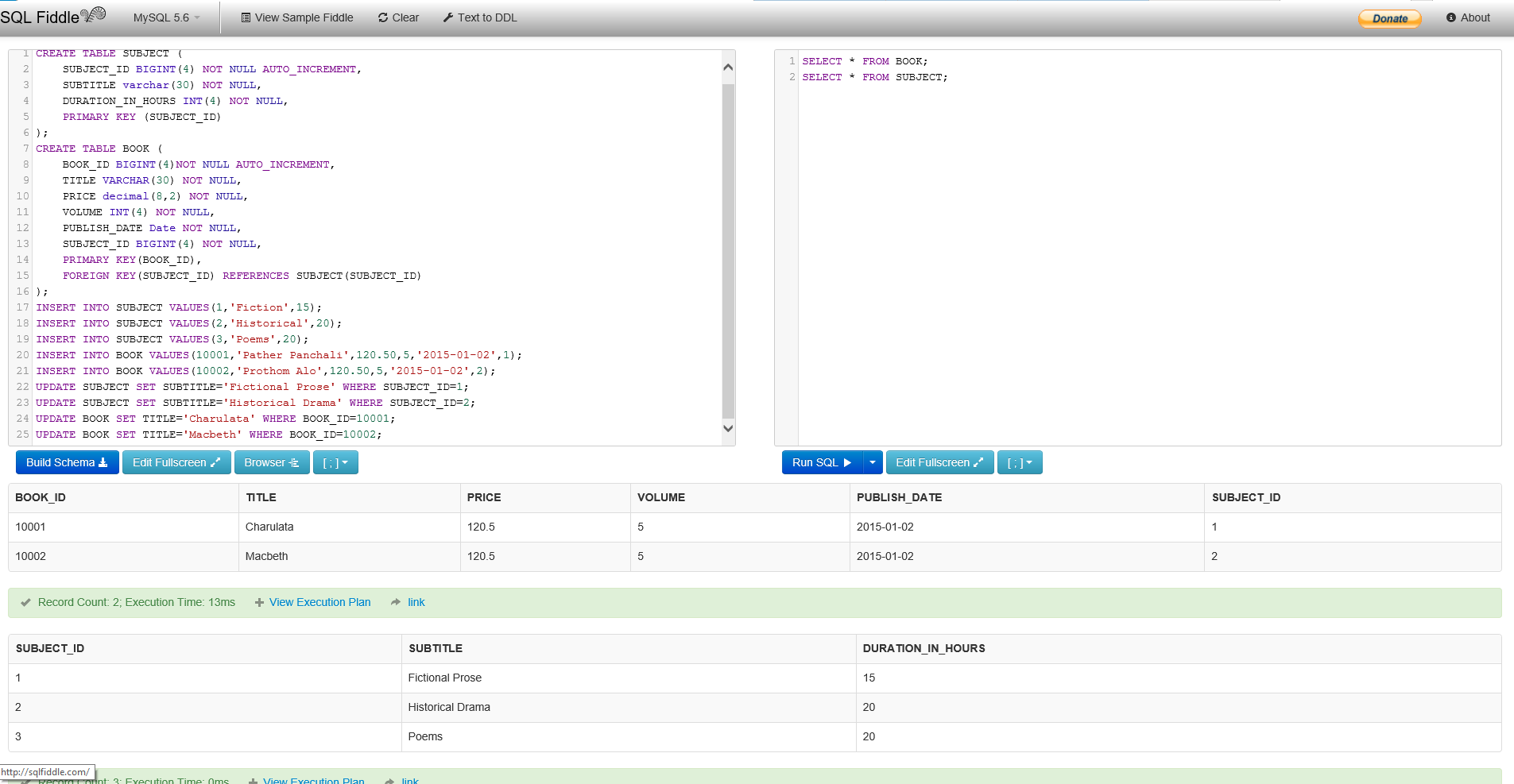
# **TABLE UPDATE SCRIPT:**

UPDATE SUBJECT SET SUBTITLE='Fictional Prose' WHERE SUBJECT\_ID=1;

UPDATE SUBJECT SET SUBTITLE='Historical Drama' WHERE SUBJECT\_ID=2;

UPDATE BOOK SET TITLE='Charulata' WHERE BOOK\_ID=10001;

UPDATE BOOK SET TITLE='Macbeth' WHERE BOOK\_ID=10002;



# **TABLE DELETE SCRIPT:**

DELETE FROM SUBJECT WHERE SUBJECT\_ID=3;

DELETE FROM BOOK WHERE BOOK\_ID=10001;

