**DB MODEL FOR ZEN CLASS**

**SQL QUERY:**

CREATE TABLE mentors(

mentor\_id INT PRIMARY KEY,

mentor\_name VARCHAR(255));

CREATE TABLE batches(

batch\_id INT PRIMARY KEY,

batch\_name VARCHAR(255));

CREATE TABLE learner(

learner\_id INT PRIMARY KEY,

learner\_name VARCHAR(255),

mentor\_id INT,

batch\_id INT,

course\_id INT,

task\_id INT,

FOREIGN KEY(mentor\_id)REFERENCES mentors(mentor\_id),

FOREIGN KEY(batch\_id)REFERENCES batches(batch\_id),

FOREIGN KEY(course\_id)REFERENCES course(course\_id),

FOREIGN KEY(task\_id)REFERENCES tasks(task\_id));

ALTER TABLE learner add COLUMN (mark\_id INT);

DESC learner;

CREATE TABLE marks(

mark\_id INT PRIMARY KEY,

learner\_id INT,

FOREIGN KEY(learner\_id) REFERENCES learner(learner\_id),

marks INT);

desc marks;

CREATE TABLE course(

course\_id INT PRIMARY KEY,

course\_name VARCHAR(255));

CREATE TABLE tasks(

task\_id INT PRIMARY KEY,

task\_name VARCHAR(255),

course\_id INT,

FOREIGN KEY(course\_id)REFERENCES course(course\_id));

desc tasks;

ALTER TABLE marks ADD column (task\_id INT);

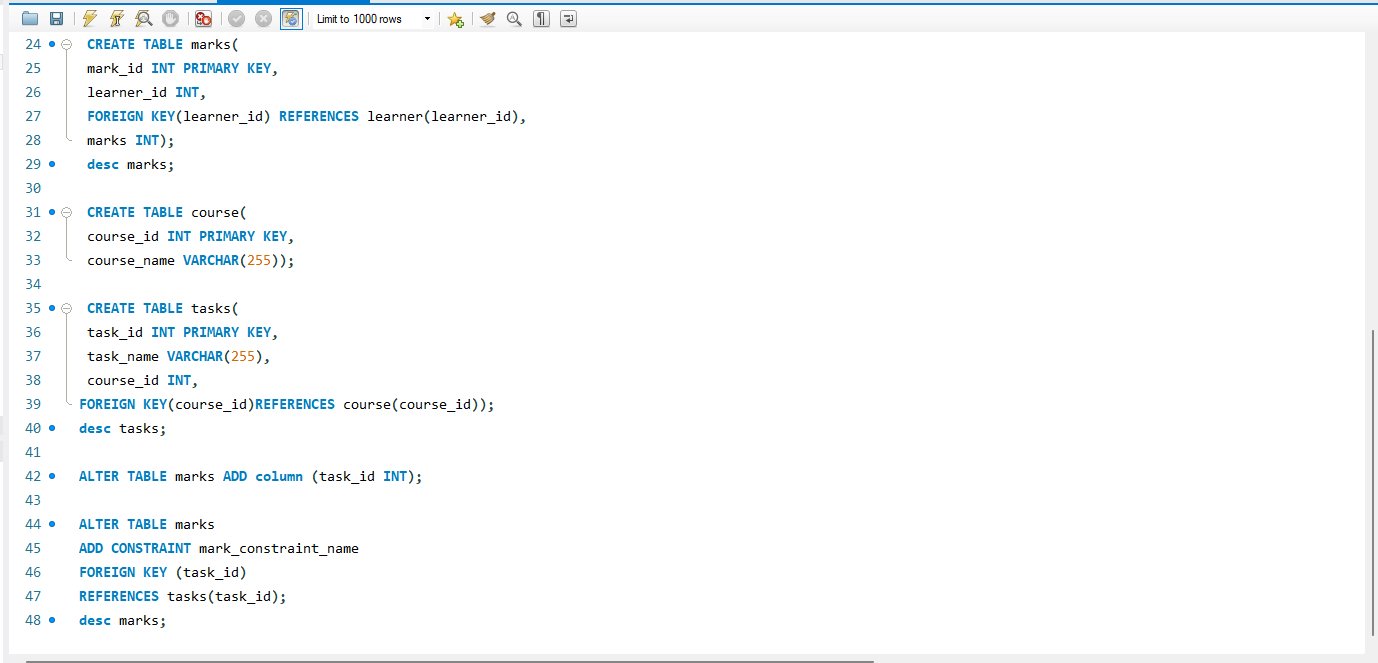
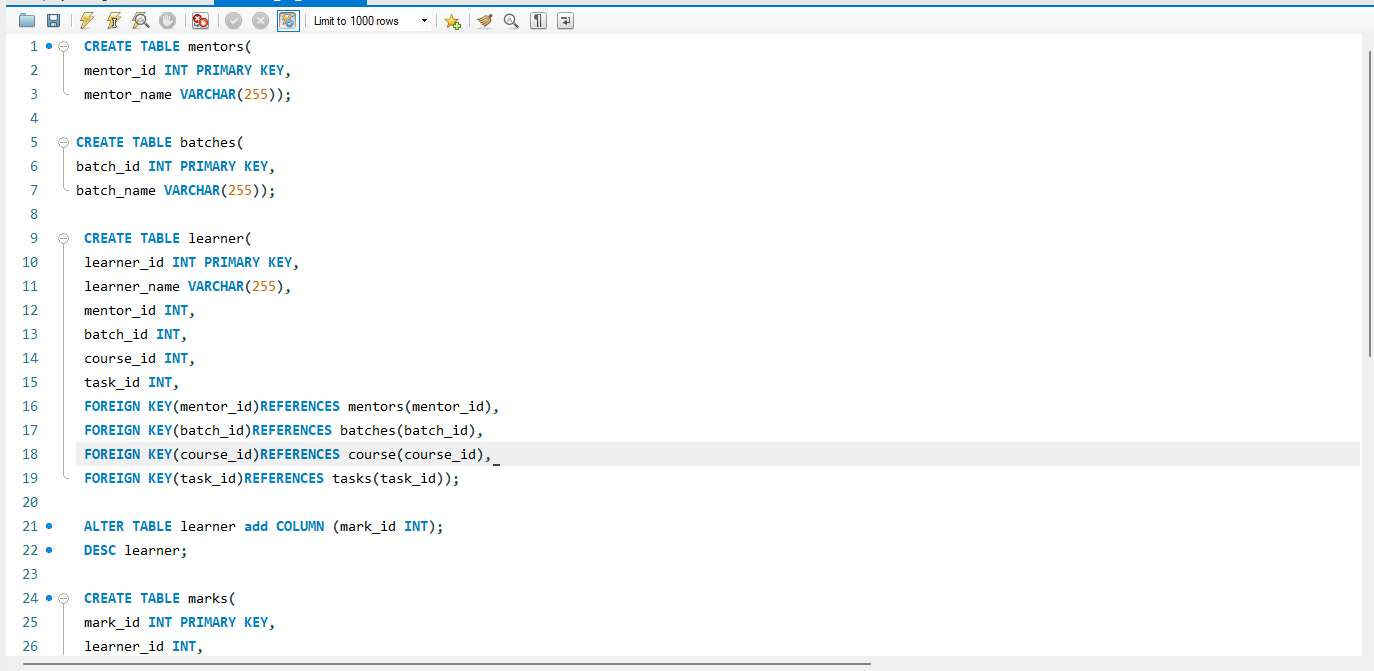
ALTER TABLE marks

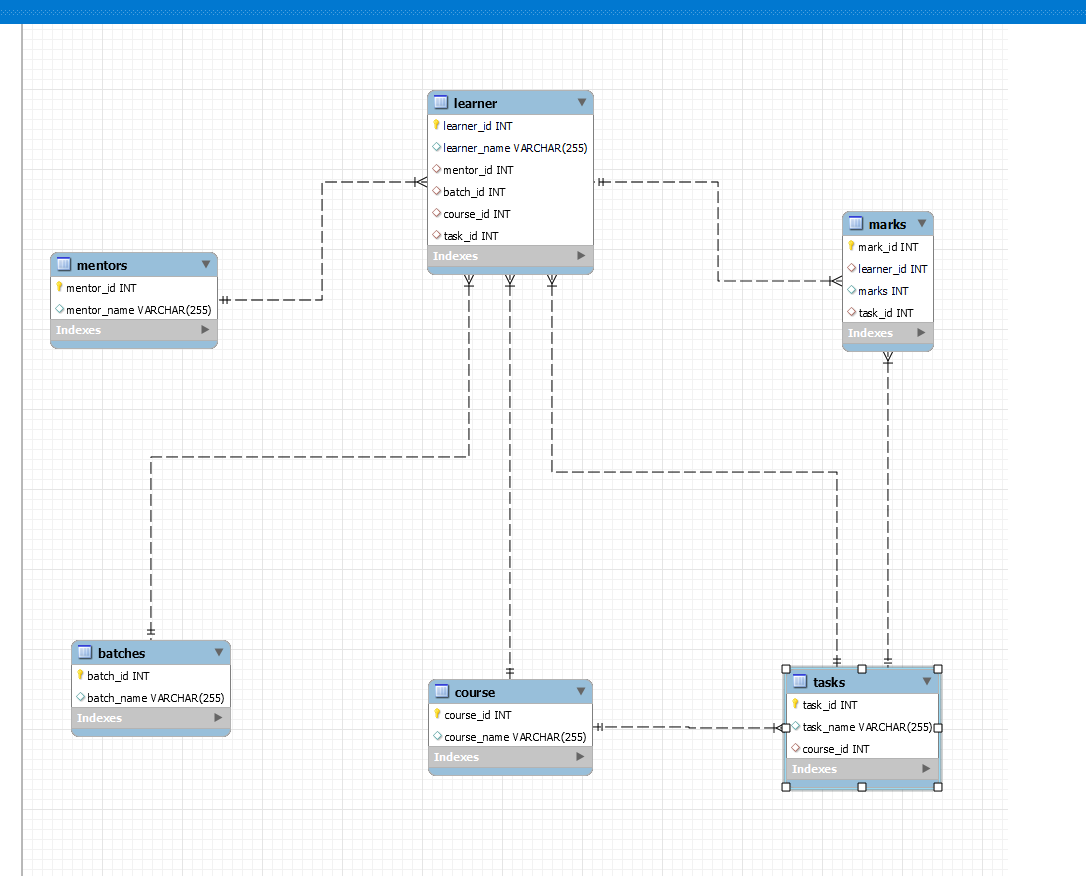
ADD CONSTRAINT mark\_constraint\_name

FOREIGN KEY (task\_id)

REFERENCES tasks(task\_id);

desc marks;

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