

#### **INSERT DATA INTO TABLE**

INSERT INTO table\_name (column1, column2, column3, ...) VALUES (value1, value2, value3,...)

#### **SELECT DATA ROWS WITH THIS DATA OR THIS DATA IN SUCH COLUMN**

SELECT \* FROM table\_name WHERE column IN (x1,x2,x3)

#### **GET USER INFO**

SELECT \* FROM User WHERE Username = 'XXXXX'

SELECT UserID FROM User WHERE Username = 'XXXXX'

SELECT UserID FROM Users WHERE FirstName = 'XXXX' AND LastName = 'YYYY'

SELECT UserID FROM Users WHERE FirstName = 'XXXX' AND MiddleName = 'YYYY' AND LastName = 'ZZZZ'

SELECT FirstName FROM Users WHERE UsernameID = 'XXXX'

SELECT LastName FROM Users Where UsernameID = 'XXXX'

SELECT UserID FROM Users WHERE City = 'XXXX'

#### **GET QUESTION INFO**

SELECT \* FROM Question WHERE CreatorID = (nested)

SELECT QuestionID FROM Question WHERE CreatorID = (nested, use a select userID from above)

SELECT QuestionID FROM Question WHERE Question = 'XXXX'

SELECT QuestionID FROM Question WHERE QuestionDifficulty = 'XXXX'

SELECT QuestionID FROM Question WHERE Rating = XXXX

SELECT QuestionID FROM Question WHERE Flagged = XXXX

SELECT QuestionText FROM Question WHERE QuestionID = (nested)

SELECT QuestionType FROM Question WHERE QuestionID = (nested)

SELECT QuestionDifficulty FROM Question WHERE QuestionID = (nested)

SELECT Rating FROM Question WHERE QuestionID = (nested)

SELECT CorrectAnswer FROM Question WHERE QuestionID = (nested)

SELECT WrongAnswer1 FROM Question WHERE QuestionID = (nested)

SELECT WrongAnswer2 FROM Question WHERE QuestionID = (nested)

SELECT WrongAnswer3 FROM Question WHERE QuestionID = (nested)

SELECT WrongAnswer4 FROM Question WHERE QuestionID = (nested)

SELECT Flagged FROM Question WHERE QuestionID = (nested)

#### **GET QUIZ INFO**

SELECT \* FROM Quiz WHERE CreatorID = (nested)

SELECT QuizID FROM Quiz WHERE CreatorID = (nested)

SELECT QuizID FROM Quiz WHERE Difficulty = 'XXXX'

SELECT QuizID FROM Quiz WHERE Rating = 'XXXX'

SELECT QuizID FROM Quiz WHERE Time = XXXX

SELECT CreatorID FROM Quiz WHERE QuizID = (nested)

SELECT Difficulty FROM Quiz WHERE QuizID = (nested)

SELECT Rating FROM Quiz WHERE QuizID = (nested)

SELECT Description FROM Quiz WHERE QuizID = (nested)

SELECT Time FROM Quiz WHERE QuizID = (nested)

#### **GET Questions via Tags**

SELECT Q.QuestionID FROM Question Q, TagQuestion TQ, Tags T WHERE Q.QuestionID = TQ.QuestionID AND TQ.TagID = T.TagID AND TagName = 'XXXX'

SELECT Q.\* FROM Question Q, TagQuestion TQ, Tags T WHERE Q.QuestionID = TQ.QuestionID AND TQ.TagID = T.TagID AND TagName = 'XXXX'

#### **GET Quiz via Tags**

SELECT Q.QuizID FROM Quiz Q, TagQuiz TQ, Tags T WHERE Q.QuizID = TQ.QuizID AND TQ.TagID = T.TagID AND TagName = 'XXXX'

SELECT Q.\* FROM Quiz Q, TagQuiz TQ, Tags T WHERE Q.QuizID = TQ.QuizID AND TQ.TagID = T.TagID AND TagName = 'XXXX'

#### **GET Questions via Quiz**

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SELECT Qe.* FROM Question Qe, Quiz Qi, QuizQuestions QQ WHERE Qe.QuestionID = QQ.QuestionID AND QQ.QuizID = Qi.QuizID AND Qi.QuizID = XXXX
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