

HOW DO WE PUT STUFF INTO TABLES?

EXAMPLE #6: AUTO_INCREMENT WON'T SKIP A BEAT IF YOU CHANGE THE SEQUENCE

HOW DO WE PUT STUFF INTO TABLES?

THAT GETS US TO THE SQL **INSERT** STATEMENT FOR A TABLE LIKE THIS..

Studen	FirstName	LastName	Gende	Email
1	Janani	Ravi	F	janani@loonycorn.com
2	Swetha	Kolalapudi	F	swetha@loonycorn.com
3	Navdeep	Singh	M	navdeep@loonycorn.com
4	Vitthal	Srinivasan	M	vitthal@loonycorn.com
5	Ahmad	Mateen	NULL	mateenwa@gmail.com

INSERT INTO TABLE Students

(StudentID, Email, FirstName, LastName)

VALUES

(99, 'anuradha@gmail.com', 'Anu', 'Radha')

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THAT GETS US TO THE SQL **INSERT**
STATEMENT FOR A TABLE LIKE THIS..

StudentID	FirstName	LastName	Gender	Email
1	Janani	Ravi	F	janani@loonycorn.com
2	Swetha	Kolalapudi	F	swetha@loonycorn.com
3	Navdeep	Singh	M	navdeep@loonycorn.com
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(99, 'anuradha@gmail.com', 'Anu', 'Radha')

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99				

INSERT INTO TABLE Students

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VALUES

(99, 'anuradha@gmail.com', 'Anu', 'Radha')

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99	Anu	Radha	NULL	anuradha@gmail.com

INSERT INTO TABLE Students

(StudentID, Email, FirstName, LastName)

VALUES

(99, 'anuradha@gmail.com', 'Anu', 'Radha')

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```
INSERT INTO TABLE Students  
(Email, FirstName, LastName)  
VALUES
```

```
('pradeep@loonycorn.com', 'Pradeep', 'Shetty')
```

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(Email, FirstName, LastName)
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NOW WHAT VALUE WILL
STUDENTID TAKE?

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INSERT INTO TABLE Students
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VALUES

('pradeep@loonycorn.com', 'Pradeep', 'Shetty')

AUTO_INCREMENT IS KEEPING TRACK, AND KNOWS WHAT TO DO!

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VALUES

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STUDENTID BECOMES 100

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HOW DO WE PUT STUFF INTO TABLES?

EXAMPLE #7: THE PRIMARY KEY MUST BE UNIQUE - INSERTING A DUPLICATE WILL FAIL.

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99	Anu	Radha	NULL	anuradha@gmail.com
100	Pradeep	Shetty	NULL	pradeep@loonycorn.com

INSERT INTO TABLE Students

(StudentID , Email , FirstName , LastName)

VALUES

(2 , ' johndoe@gmail.com' , ' John' , ' Doe')

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THAT GETS US TO THE SQL **INSERT**
STATEMENT FOR A TABLE LIKE THIS..

StudentID	FirstName	LastName	Gender	Email
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VALUES
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```
INSERT INTO TABLE Students
(StudentID, Email, FirstName, LastName)
VALUES
(2, ' johndoe@gmail.com' , ' John' , ' Doe' )
```

STUDENTID IS PRIMARY KEY,
AND THERE IS ALREADY A
ROW WITH STUDENTID = 2!

HOW DO WE PUT STUFF INTO TABLES?

STUDENTID IS PRIMARY KEY, AND THERE IS ALREADY A ROW WITH STUDENTID = 2!

A PRIMARY KEY CONSTRAINT VIOLATION ERROR WILL BE THROWN, AND THE INSERTION WILL FAIL

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