

MySQL Basics: Database and Table Commands Practice

Level 1 (data generated by generatedata.com)

1. Create a database called content.
 - a. In it, create a table called blog. Each blog entry should have an auto increment id (int), an author id (email) (tinytext), the entry date(date), the entry title(tinytext), and the entry text(text). Also, include a field for a list of images (they will be separated by ; in the field)(text).
 - b. Add the following elements to the blog table of the content database:
author | date | entry title | entry text | images
iaculis.quis@Nullaeunique.co.uk | 2017-01-02 | elit. Curabitur | ultrices iaculis odio. Nam interdum enim non nisi. Aenean eget metus. In nec orci. Donec nibh. Quisque nonummy ipsum non arcu. Vivamus sit amet risus. Donec egestas. Aliquam nec enim. Nunc ut erat. Sed nunc est, mollis non, cursus non, egestas a, dui. Cras pellentesque. Sed dictum. Proin eget odio. Aliquam vulputate ullamcorper magna. Sed eu eros. Nam consequat dolor vitae dolor. Donec fringilla. Donec feugiat metus sit | pic5.jpg; pic7.jpg; pic9.jpg; pic6.jpg; pic0.jpg

Phasellus@at.net | 2016-03-05 | Phasellus in felis. Nulla tempor augue ac ipsum. Phasellus vitae | aliquet, sem ut cursus luctus, ipsum leo elementum sem, vitae aliquam eros turpis non enim. Mauris quis turpis vitae purus gravida sagittis. Duis gravida. Praesent eu nulla at sem molestie sodales. Mauris blandit enim | pic8.jpg

dignissim.magna.a@penatibus.edu | 2016-09-13 | urna. Ut tincidunt vehicula risus. Nulla eget metus | ut erat. Sed nunc est, mollis non, cursus non, egestas a, dui. Cras pellentesque. Sed dictum. Proin eget odio. Aliquam vulputate ullamcorper magna. Sed eu eros. Nam consequat dolor vitae dolor. Donec fringilla. Donec feugiat metus sit amet ante. Vivamus non lorem vitae odio sagittis semper. Nam tempor diam dictum sapien. Aenean massa. Integer vitae nibh. Donec est mauris, rhoncus id, mollis nec, cursus a, enim. Suspendisse aliquet, sem ut cursus luctus, ipsum leo elementum sem, vitae aliquam eros turpis non enim. Mauris quis turpis vitae purus gravida sagittis. Duis gravida. Praesent eu nulla at sem | pic7.jpg

ornare.placerat.orci@Maecenasornare.org | 2016-07-15 | iaculis, lacus pede sagittis augue, eu tempor | fringilla mi lacinia mattis. Integer eu lacus. Quisque imperdiet, erat nonummy ultricies ornare, elit elit fermentum risus, at fringilla purus mauris a nunc. In at pede. Cras vulputate velit eu sem. Pellentesque ut ipsum ac mi eleifend egestas. Sed pharetra, | pic3.jpg; pic4.jpg; pic0.jpg

tempus.lorem@non.com | 2015-07-23 | dolor. Quisque tincidunt pede ac | mi enim, condimentum eget, volutpat ornare, facilisis eget, ipsum. Donec sollicitudin adipiscing ligula. Aenean gravida nunc sed pede. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus | pic8.jpg; pic3.jpg

**** you can check the contents of a table using "select * from tableName;"**

Level 2 (data generated by generatedata.com)

1. Create a database called auditions.
 - a. In it, create a table called auditionees. Each row should have a primary key email, first name, last name, voice part and desired role. Create a second table called scores. The scores table will have an auto increment primary key id, an email column that will act as a foreign key to auditionees and three fields for scores(music, acting and dance).
 - b. Add the following data to the auditionee table
author | first | last | voicePart | desiredRole
tellus.Nunc@maurisIntegersem.edu | Aidan | Meyers | Soprano | Ensemble
dolor.sit@Curabiturut.ca | Francesca | Stein | Tenor | Dancer
tincidunt@consectetueradipiscing.co.uk | Raphael | Stark | Don't Know | Dancer
turpis.non.enim@risusMorbi.net | Anika | Meyer | Tenor | Ensemble
Maecenas@cursus.ca | Rhiannon | Melendez | Bass | Lead Man
vitae.orci@mollisInteger.edu | Clare | Pierce | Soprano | Supporting Woman
ridiculus.mus.Donec@milorem.edu | Moses | Pratt | Don't Know | Lead Man
ipsum@erosnectellus.ca | Marah | Mcdowell | Don't Know | Lead Man
mauris.erat@consequat.com | Ifeoma | Ellison | Alto | Supporting Man
 - c. Add the following data to the scores table
email | music | acting | dance
mauris.erat@consequat.com | 14 | 30 | 22
tellus.Nunc@maurisIntegersem.edu | 15 | 20 | 13
dolor.sit@Curabiturut.ca | 28 | 23 | 23
vitae.orci@mollisInteger.edu | 26 | 13 | 25
turpis.non.enim@risusMorbi.net | 27 | 17 | 25
tincidunt@consectetueradipiscing.co.uk | 23 | 27 | 16
ipsum@erosnectellus.ca | 24 | 12 | 30
ridiculus.mus.Donec@milorem.edu | 24 | 24 | 29
Maecenas@cursus.ca | 19 | 20 | 28

Level 3 (data generated by generatedata.com)

1. Create a database called conferencing.
 - a. In that database, create three tables: parent, teacher and conference. A parent should have an auto increment id, last name, first name, email and phone number. A teacher should have a primary key id (not autoincrement, assigned), a room, email, lastName and firstName. A conference should have an auto increment id, foreign key to a parent id, foreign key to a teacher id, date, time and student name. All fields are required.
 - b. Add the following data to the parent table

first	last	email	phone
Larissa	Chaney	venenatis.lacus.Etiam@enimMauris.org	381-706-7491
Branden	Hyde	Nunc.mauris@egestas.net	660-426-3705
Griffin	Lindsey	non.sollicitudin.a@atnisiCum.ca	250-134-8675
Amena	Harper	lobortis.augue@elit.org	586-438-8425
Neville	Gallagher	dolor.Quisque.tincidunt@portitortscelerisque.net	129-223-9500
Blaze	Carrillo	metus.Vivamus.euismod@Curabitursedtortor.co.uk	472-258-9521
Matthew	Chan	in@enim.com	686-442-5479
Yetta	Maynard	lorem@arcuVivamus.co.uk	855-138-4603
Colt	Harrison	at@pede.org	768-180-1960
 - c. Add the following data to the teacher table

id	room	email	last	first
24JAV4	B-92	augue.ut.lacus@arcuvelquam.co.uk	Chastity	Hopkins
18RFH1	W-51	fermentum.fermentum.arcu@at.com	Emery	Hall
17XTS2	Q-42	est.arcu@tempordiam.ca	Barbara	Spears
25KMA2	F-14	aptent.taciti.sociosqu@mauris.ca	Taylor	Maxwell
33BUI8	Z-95	Suspendisse@Maurismagna.com	Jolene	Webb
 - d. Add the following data to the conferences table

parentId	teacherId	date	time	student
9	33BUI8	2016-05-17	20:46:37	Boris Forbes
10	18RFH1	2016-05-17	18:27:59	Kenyon Tucker
6	24JAV4	2016-05-17	16:31:14	Heather Bass
1	24JAV4	2016-05-18	17:45:25	Ursula Rodgers
5	24JAV4	2016-05-18	19:57:35	Fitzgerald Ford
2	17XTS2	2016-05-17	07:48:29	Rafael Coleman
7	17XTS2	2016-05-18	07:58:26	Lewis Riggs
7	33BUI8	2016-05-17	13:45:11	Aquila Wagner
5	33BUI8	2016-05-17	07:23:09	Mia Morales
6	33BUI8	2016-05-18	07:50:33	Mallory Roy
8	25KMA2	2016-05-17	10:32:33	Zelda McClure
7	33BUI8	2016-05-17	13:19:16	Kessie Moran
7	24JAV4	2016-05-17	18:15:45	Shafira Terrell
8	24JAV4	2016-05-18	23:34:39	Patience Lott
2	33BUI8	2016-05-18	09:24:46	Bevis Sosa
4	33BUI8	2016-05-18	03:42:11	Brittany Sloan
2	17XTS2	2016-05-17	10:54:01	Troy Price

9 | 24JAV4 | 2016-05-18 | 06:17:21 | Hayes Clay

4 | 24JAV4 | 2016-05-17 | 11:29:46 | Melissa Vaughn