

11. Write SQL query to add new column email and make it not null.

The screenshot shows the phpMyAdmin interface. On the left, the database 'barshika' is selected, and the 'student' table is highlighted. The main panel displays a success message: 'Your SQL query has been executed successfully.' Below this, the SQL query 'DESCRIBE student;' is shown. A table of field information is displayed, showing the structure of the 'student' table after the query execution.

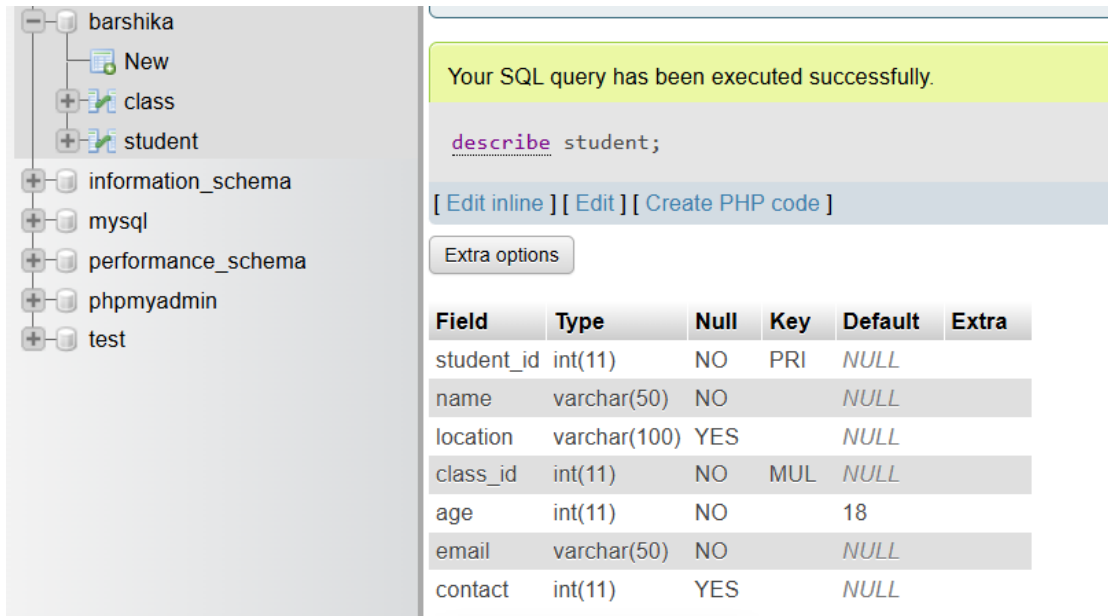
Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	
name	varchar(50)	NO		NULL	
location	varchar(100)	YES		NULL	
class_id	int(11)	NO	MUL	NULL	
section	varchar(50)	YES	UNI	NULL	
age	int(11)	NO		18	
email	varchar(50)	NO		NULL	

12. Write SQL query to remove column section from above table.

The screenshot shows the phpMyAdmin interface. On the left, the database 'barshika' is selected, and the 'student' table is highlighted. The main panel displays a success message: 'Your SQL query has been executed successfully.' Below this, the SQL query 'DESCRIBE student;' is shown. A table of field information is displayed, showing the structure of the 'student' table after the query execution.

Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	
name	varchar(50)	NO		NULL	
location	varchar(100)	YES		NULL	
class_id	int(11)	NO	MUL	NULL	
age	int(11)	NO		18	
email	varchar(50)	NO		NULL	

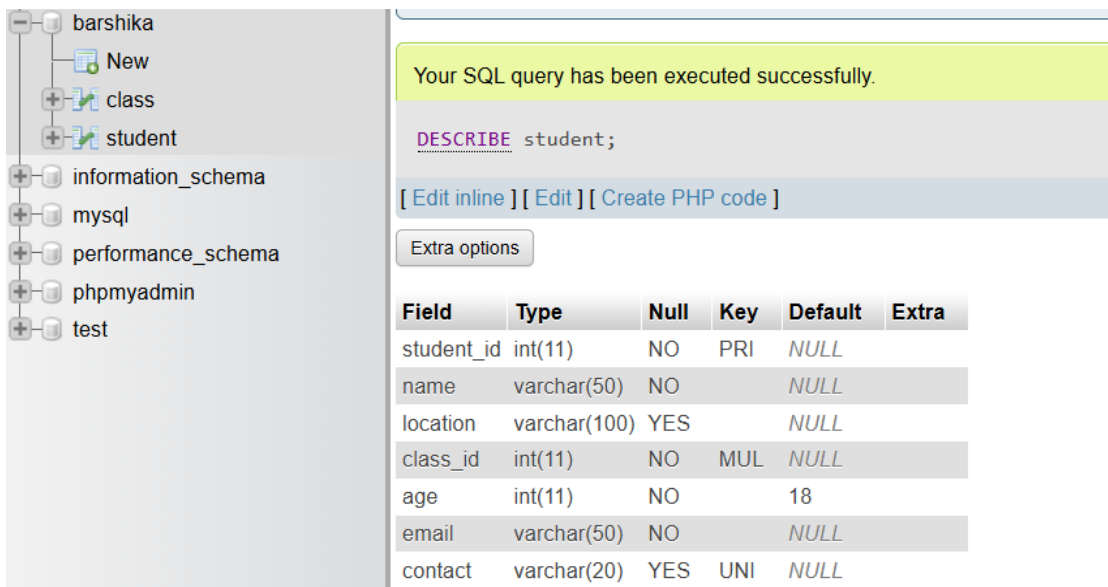
13. Write SQL query to add new column contact and make data type as integer.



The screenshot shows the phpMyAdmin interface. On the left, the database 'barshika' is selected, and the 'student' table is highlighted. The main panel displays a success message: 'Your SQL query has been executed successfully.' Below this, the SQL query 'describe student;' is shown. A table of the table's structure is displayed, showing the new 'contact' column has been added as an integer.

Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	
name	varchar(50)	NO		NULL	
location	varchar(100)	YES		NULL	
class_id	int(11)	NO	MUL	NULL	
age	int(11)	NO		18	
email	varchar(50)	NO		NULL	
contact	int(11)	YES		NULL	

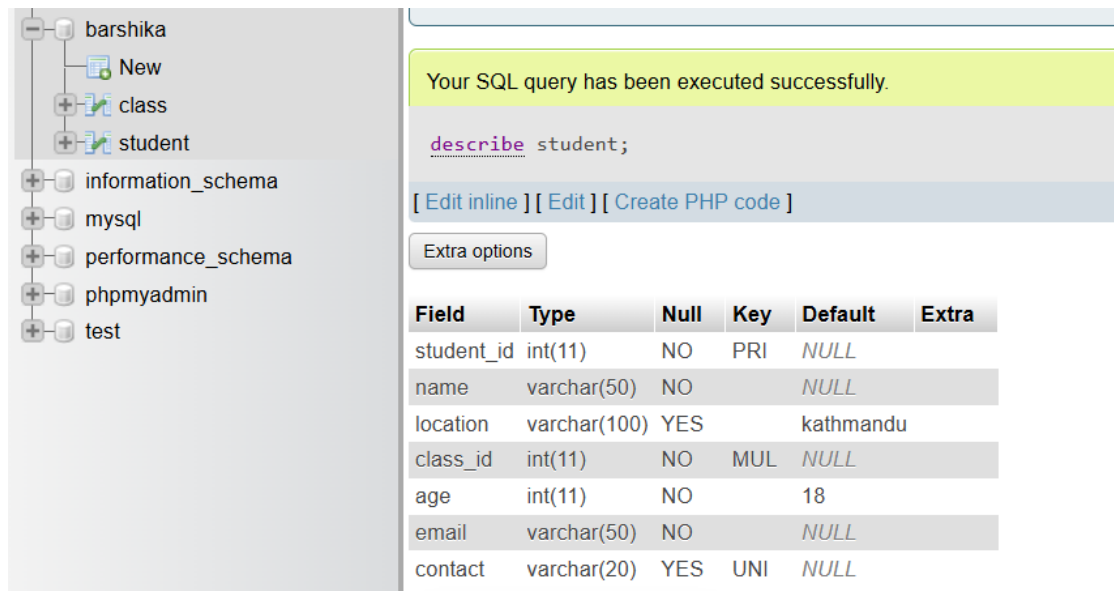
14. Write SQL query to change data type of column contact to varchar and make unique.



The screenshot shows the phpMyAdmin interface. On the left, the database 'barshika' is selected, and the 'student' table is highlighted. The main panel displays a success message: 'Your SQL query has been executed successfully.' Below this, the SQL query 'DESCRIBE student;' is shown. A table of the table's structure is displayed, showing the 'contact' column has been changed to a varchar(20) and is now unique.

Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	
name	varchar(50)	NO		NULL	
location	varchar(100)	YES		NULL	
class_id	int(11)	NO	MUL	NULL	
age	int(11)	NO		18	
email	varchar(50)	NO		NULL	
contact	varchar(20)	YES	UNI	NULL	

15. Write SQL query to change default value of address to Kathmandu.



The screenshot shows the phpMyAdmin interface. On the left, a tree view displays the database structure under 'barshika', including 'New', 'class', and 'student' tables. The 'student' table is selected. The main panel shows a message: 'Your SQL query has been executed successfully.' Below this, the SQL query 'describe student;' is displayed. There are links for '[Edit inline]', '[Edit]', and '[Create PHP code]'. A button labeled 'Extra options' is also present. Below the button, a table displays the structure of the 'student' table.

Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	
name	varchar(50)	NO		NULL	
location	varchar(100)	YES		kathmandu	
class_id	int(11)	NO	MUL	NULL	
age	int(11)	NO		18	
email	varchar(50)	NO		NULL	
contact	varchar(20)	YES	UNI	NULL	

16. Insert five set of records in above table.

Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT *from class;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	class_id
<input type="checkbox"/> Edit Copy Delete	1001

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.)

```
SELECT *from student;
```

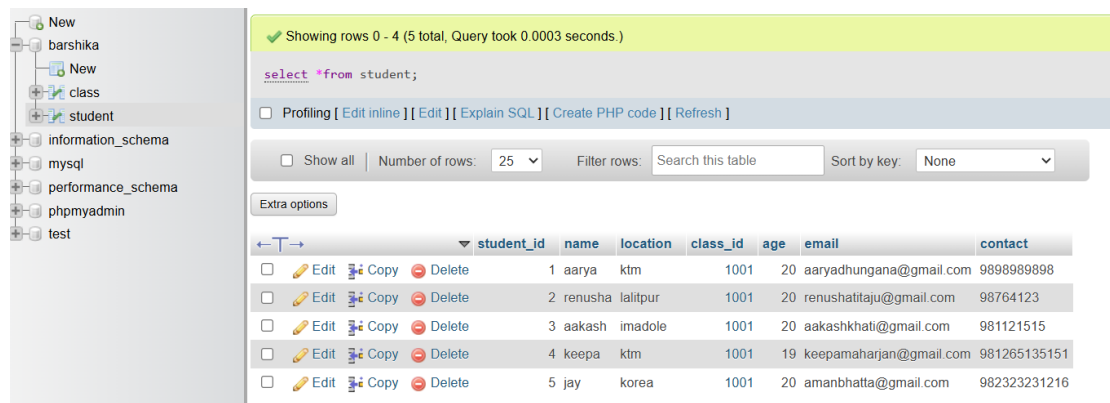
☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	student_id	name	location	class_id	age	email	contact
<input type="checkbox"/> Edit Copy Delete	1	aarya	ktm	1001	20	aaryadhungana@gmail.com	9898989898
<input type="checkbox"/> Edit Copy Delete	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/> Edit Copy Delete	3	aakash	imadole	1001	20	aakashkhati@gmail.com	981121515
<input type="checkbox"/> Edit Copy Delete	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/> Edit Copy Delete	5	aman	satdobato	1001	20	amanbhatta@gmail.com	982323231216

17. Write SQL query to update name and address of student whose student id is 5.



The screenshot shows the phpMyAdmin interface. On the left is a sidebar with a database tree containing 'barshika', 'class', 'student', 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The 'student' table is selected. The main area displays a green status bar: 'Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.)'. Below it is the SQL query: `select * from student;`. A toolbar includes 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. Below the toolbar are controls for 'Show all', 'Number of rows' (set to 25), 'Filter rows' (a search box), and 'Sort by key' (set to None). An 'Extra options' button is also present. The table data is shown in a grid with columns: `student_id`, `name`, `location`, `class_id`, `age`, `email`, and `contact`. Each row has checkboxes for 'Edit', 'Copy', and 'Delete'.

	<code>student_id</code>	<code>name</code>	<code>location</code>	<code>class_id</code>	<code>age</code>	<code>email</code>	<code>contact</code>
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	aarya	ktm	1001	20	aaryadhungana@gmail.com	9898989898
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	aakash	imadole	1001	20	aakashkhathi@gmail.com	981121515
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	jay	korea	1001	20	amanbhatta@gmail.com	982323231216

18. Write SQL query to delete all the records of student having age greater than 20.

Showing rows 0 - 6 (7 total, Query took 0.0005 seconds.)

```
select * from student;
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	student_id	name	location	class_id	age	email	contact
<input type="checkbox"/> Edit Copy Delete	1	aarya	ktm	1001	20	aaryadhungana@gmail.com	9898989898
<input type="checkbox"/> Edit Copy Delete	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/> Edit Copy Delete	3	aakash	imadole	1001	20	aakashkhati@gmail.com	981121515
<input type="checkbox"/> Edit Copy Delete	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/> Edit Copy Delete	5	jay	korea	1001	20	amanbhatta@gmail.com	982323231216
<input type="checkbox"/> Edit Copy Delete	6	jackson	btm	1001	21	jacksonwang@gmail.com	982356637828
<input type="checkbox"/> Edit Copy Delete	7	suga	china	1001	20	@gmail.com	9827536788

Showing rows 0 - 4 (5 total, Query took 0.0006 seconds.)

```
select * from student;
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	student_id	name	location	class_id	age	email	contact
<input type="checkbox"/> Edit Copy Delete	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/> Edit Copy Delete	3	aakash	imadole	1001	20	aakashkhati@gmail.com	981121515
<input type="checkbox"/> Edit Copy Delete	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/> Edit Copy Delete	5	jay	korea	1001	20	amanbhatta@gmail.com	982323231216
<input type="checkbox"/> Edit Copy Delete	7	suga	china	1001	20	@gmail.com	9827536788

19. Write SQL query to update age of student having address btm.

Showing rows 0 - 6 (7 total, Query took 0.0003 seconds.)

```
SELECT * FROM student;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	student_id	name	location	class_id	age	email	contact
<input type="checkbox"/> Edit Copy Delete	1	aarya	ktm	1001	22	aaryadhungana@gmail.com	98356373728
<input type="checkbox"/> Edit Copy Delete	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/> Edit Copy Delete	3	aakash	imadole	1001	20	aakashkhathi@gmail.com	981121515
<input type="checkbox"/> Edit Copy Delete	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/> Edit Copy Delete	5	jay	korea	1001	20	amanbhatta@gmail.com	982323231216
<input type="checkbox"/> Edit Copy Delete	7	suga	china	1001	20	@gmail.com	9827536788
<input type="checkbox"/> Edit Copy Delete	8	jackson	btm	1001	22	jacksonwang@gmail.com	982356637828

Showing rows 0 - 7 (8 total, Query took 0.0003 seconds.)

```
SELECT * FROM student;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	student_id	name	location	class_id	age	email	contact
<input type="checkbox"/> Edit Copy Delete	1	aarya	ktm	1001	22	aaryadhungana@gmail.com	98356373728
<input type="checkbox"/> Edit Copy Delete	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/> Edit Copy Delete	3	aakash	imadole	1001	20	aakashkhathi@gmail.com	981121515
<input type="checkbox"/> Edit Copy Delete	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/> Edit Copy Delete	5	jay	korea	1001	20	amanbhatta@gmail.com	982323231216
<input type="checkbox"/> Edit Copy Delete	7	suga	china	1001	20	@gmail.com	9827536788
<input type="checkbox"/> Edit Copy Delete	8	jackson	btm	1001	21	jacksonwang@gmail.com	982356637828

20. Write SQL query to delete all records of student having student id 1.

The screenshot shows the phpMyAdmin interface. On the left is a sidebar with a database tree containing 'barshika', 'class', 'student', 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The 'student' database is selected. The main area displays a SQL query: `SELECT * from student;`. Below the query are buttons for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A toolbar shows 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None'. An 'Extra options' button is also present. Below these is a table with 8 rows of student data. Each row has checkboxes for 'Edit', 'Copy', and 'Delete'.

	student_id	name	location	class_id	age	email	contact
<input type="checkbox"/>	2	renusha	lalitpur	1001	20	renushatitaju@gmail.com	98764123
<input type="checkbox"/>	3	aakash	imadole	1001	20	aakashkhadi@gmail.com	981121515
<input type="checkbox"/>	4	keepa	ktm	1001	19	keepamaharjan@gmail.com	981265135151
<input type="checkbox"/>	5	jay	korea	1001	20	amanbhatta@gmail.com	982323231216
<input type="checkbox"/>	7	suga	china	1001	20	@gmail.com	9827536788
<input type="checkbox"/>	8	jackson	btm	1001	21	jacksonwang@gmail.com	982356637828