

```
mysql> CREATE TABLE fast_foods_locations()
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near ')' at line 1
mysql> CREATE TABLE fast_foods_locations()
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near ')' at line 1
mysql> CREATE TABLE fast_foods_locations(
-> location_id INT(6) PRIMARY KEY,
-> restaurant_name VARCHAR(255) NOT NULL,
-> country VARCHAR(100) NOT NULL,
-> city VARCHAR(100) NOT NULL,
-> street_address VARCHAR(255) NOT NULL,
-> postal_code INT(9),
-> contact_no INT(12) NOT NULL;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near " at line 8
mysql> CREATE TABLE fast_foods_locations( location_id INT(6) PRIMARY KEY, restaurant_name
VARCHAR(255) NOT NULL, country VARCHAR(100) NOT NULL, city VARCHAR(100) NOT
NULL, street_address VARCHAR(255) NOT
NULL, postal_code INT(9), contact_no INT(12) NOT NULL;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near " at line 1
mysql> CREATE TABLE fast_foods_locations( location_id INT(6) PRIMARY KEY, restaurant_name
VARCHAR(255) NOT NULL, country VARCHAR(100) NOT NULL, city VARCHAR(100) NOT
NULL, street_address VARCHAR(255) NOT
NULL, postal_code INT(9), contact_no INT(12) NOT NULL);
Query OK, 0 rows affected, 3 warnings (0.02 sec)
```

```
mysql> CREATE TABLE Global_Fast_Foods_Locations(
-> id INT(6) PRIMARY KEY,
-> loc_name VARCHAR(25),
-> date_opened DATE NOT NULL,
-> address VARCHAR(50) NOT NULL,
-> city VARCHAR(20),
-> Zip_postal VARCHAR(20) NOT NULL,
-> phone VARCHAR(20),
-> email VARCHAR(20),
-> manager_id VARCHAR(20),
-> contact INT(10),
-> UNIQUE(email));
Query OK, 0 rows affected, 2 warnings (0.02 sec)
```

```
mysql> desc Global_Fast_Foods_Locations;
+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| id         | int       | NO   | PRI | NULL    |      |
| loc_name   | varchar(25) | YES  |     | NULL    |      |
| date_opened | date      | NO   |     | NULL    |      |
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| address | varchar(50) | NO | | NULL | |
| city | varchar(20) | YES | | NULL | |
| Zip_postal | varchar(20) | NO | | NULL | |
| phone | varchar(20) | YES | | NULL | |
| email | varchar(20) | YES | UNI | NULL | |
| manager_id | varchar(20) | YES | | NULL | |
| contact | int | YES | | NULL | |
+-----+-----+-----+-----+
10 rows in set (0.01 sec)
```

```
mysql> DESC fast_foods_locations;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| location_id | int | NO | PRI | NULL | |
| restaurant_name | varchar(255) | NO | | NULL | |
| country | varchar(100) | NO | | NULL | |
| city | varchar(100) | NO | | NULL | |
| street_address | varchar(255) | NO | | NULL | |
| postal_code | int | YES | | NULL | |
| contact_no | int | NO | | NULL | |
+-----+-----+-----+-----+-----+
7 rows in set (0.01 sec)
```

```
mysql> CREATE TABLE animals(
-> animal_id INT(6) PRIMARY KEY,
-> name varchar(20) NOT NULL,
-> license_tag_number INT(10) UNIQUE,
-> admit_date DATE NOT NULL,
-> adoption_id INT(5),
-> vaccination_date DATE NOT NULL);
Query OK, 0 rows affected, 3 warnings (0.01 sec)
```

```
mysql> DESC animals;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| animal_id | int | NO | PRI | NULL | |
| name | varchar(20) | NO | | NULL | |
| license_tag_number | int | YES | UNI | NULL | |
| admit_date | date | NO | | NULL | |
| adoption_id | int | YES | | NULL | |
| vaccination_date | date | NO | | NULL | |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> CREATE TABLE animals( animal_id INT(6) PRIMARY KEY, name varchar(20) NOT NULL,
license_tag_number INT(10) UNIQUE, admit_date DATE NOT NULL, adoption_id INT(5),
vaccination_date DATE NOT NULL);
ERROR 1050 (42S01): Table 'animals' already exists
mysql> CREATE TABLE animals_new( animal_id INT(6) PRIMARY KEY, name varchar(20) NOT
```

NULL, license_tag_number INT(10) UNIQUE, admit_date DATE NOT NULL, adoption_id INT(5), vaccination_date DATE NOT NULL);

Query OK, 0 rows affected, 3 warnings (0.01 sec)

mysql> DESC animals_new;

Field	Type	Null	Key	Default	Extra
animal_id	int	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
license_tag_number	int	YES	UNI	NULL	
admit_date	date	NO		NULL	
adoption_id	int	YES		NULL	
vaccination_date	date	NO		NULL	

6 rows in set (0.01 sec)

mysql> INSERT into animals values(1,'buddy',1234232,'2024-05-12',NULL,'2024-05-13');

Query OK, 1 row affected (0.01 sec)

mysql> select * from animals;

animal_id	name	license_tag_number	admit_date	adoption_id	vaccination_date
1	buddy	1234232	2024-05-12	NULL	2024-05-13

1 row in set (0.00 sec)

mysql> UPDATE animals

-> SET adption_id = NULL;

ERROR 1054 (42S22): Unknown column 'adption_id' in 'field list'

mysql> SET adption_id = NULL;

ERROR 1193 (HY000): Unknown system variable 'adption_id'

mysql> UPDATE animals SET adoption_id = NULL;

Query OK, 0 rows affected (0.00 sec)

Rows matched: 1 Changed: 0 Warnings: 0

mysql> ALTER TABLE animals

-> ADD CONSTRAINT fk_adoption_id FOREIGN KEY (adoption_id)

-> REFERENCES adoption_table(adoption_id);

ERROR 1824 (HY000): Failed to open the referenced table 'adoption_table'

mysql> ALTER TABLE animals ADD CONSTRAINT fk_adoption_id FOREIGN KEY (adoption_id) REFERENCES animals(adoption_id);

ERROR 1822 (HY000): Failed to add the foreign key constraint. Missing index for constraint 'fk_adoption_id' in the referenced table 'animals'

mysql> ALTER TABLE animals ADD CONSTRAINT FOREIGN KEY (adoption_id) REFERENCES animals(adoption_id);

ERROR 1822 (HY000): Failed to add the foreign key constraint. Missing index for constraint 'animals_ibfk_1' in the referenced table 'animals'

mysql> CREATE UNIQUE INDEX idx_adoption_id ON adoption_table (adoption_id);

ERROR 1146 (42S02): Table 'vijay.adoption_table' doesn't exist

```
mysql> CREATE UNIQUE INDEX idx_adoption_id ON animals (adoption_id);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE animal
-> ADD CONSTRAINT fk_adoption_id FOREIGN KEY (adoption_id) REFERENCES
adoption_table(adoption_id);
ERROR 1146 (42S02): Table 'vijay.animal' doesn't exist
mysql> ALTER TABLE animals ADD CONSTRAINT fk_adoption_id FOREIGN KEY (adoption_id)
REFERENCES animals(adoption_id);
ERROR 1822 (HY000): Failed to add the foreign key constraint. Missing index for constraint
'fk_adoption_id' in the referenced table 'animals'
mysql> CR
```