

```
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

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```
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		
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
```