

# WEBISOFTTECH

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## Chapter 3 Node Js Create Table

CREATE TABLE command is used to create a table in MySQL. You must make it sure that you define the name of the database when you create the connection.

### Example

For creating a table named "employees".

Create a js file named employees.js having the following data in DB example folder.

```
var mysql = require('mysql');
var con = mysql.createConnection({
  host: "localhost",
  user: "root",
  password: "12345",
  database: "webisoftech"
});
con.connect(function(err) {
  if (err) throw err;
  console.log("Connected!");
  var sql = "CREATE TABLE employees (id INT, name VARCHAR(255), age INT(3), city VARCHAR(255))";
  con.query(sql, function (err, result) {
    if (err) throw err;
    console.log("Table created");
  });
});
```

Now open command terminal and run the following command:

Node employees.js

//.....

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## Create Table Having a Primary Key

Create Primary Key in New Table:

Let's create a new table named "employee2" having id as primary key.

Create a js file named employee2.js having the following data in DBexample folder.

```
var mysql = require('mysql');
var con = mysql.createConnection({
  host: "localhost",
  user: "root",
  password: "12345",
  database: "webisofttech"
});
con.connect(function(err) {
  if (err) throw err;
  console.log("Connected!");
  var sql = "CREATE TABLE employee2 (id INT PRIMARY KEY, name VARCHAR(255), age INT(3), city VARCHAR(255))";
  con.query(sql, function (err, result) {
    if (err) throw err;
    console.log("Table created");
  });
});
```

Now open command terminal and run the following command:

Node employee2.js

//.....

## Add columns in existing Table:

ALTER TABLE statement is used to add a column in an existing table. Take the already created table "employee2" and use a new column salary.

Replace the data of the "employee2" table with the following data:

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```
var mysql = require('mysql');
var con = mysql.createConnection({
  host: "localhost",
  user: "root",
  password: "12345",
  database: "webisoftech"
});
con.connect(function(err) {
  if (err) throw err;
  console.log("Connected!");
  var sql = "ALTER TABLE employee2 ADD COLUMN salary INT(10)";
  con.query(sql, function (err, result) {
    if (err) throw err;
    console.log("Table altered");
  });
});
```

Now open command terminal and run the following command:

Node employee2.js

//.....