```
Setting environment for using XAMPP for Windows.
Aprendiz@DESKTOP-MQRKPJF c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 11
Server version: 10.4.32-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE CONSTRUCTORA_JK_INGENIEROS;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use CONSTRUCTORA_JK_INGENIEROS;
Database changed
MariaDB [CONSTRUCTORA_JK_INGENIEROS]> CREATE TABLE empleados(
    -> codigo_empleado INT AUTO_INCREMENT PRIMARY KEY NOT NULL,
    -> nombre VARCHAR(20) NOT NULL,
    -> apellido VARCHAR(20) NOT NULL,
    -> sueldo FLOAT NOT NULL,
    -> ciudad VARCHAR(20) NOT NULL,
    -> id_proyecto INT NOT NULL,
    -> celular INT NOT NULL,
    -> correo VARCHAR(30)
    -> );
Query OK, 0 rows affected (0.009 sec)

MariaDB [CONSTRUCTORA_JK_INGENIEROS]> CREATE TABLE departamentos(
    -> codigo_departamento INT AUTO_INCREMENT PRIMARY KEY NOT NULL,
    -> nombre VARCHAR(20),
    -> ciudad VARCHAR(20),
    -> telefono INT
    -> );
Query OK, 0 rows affected (0.006 sec)
```

```
MariaDB [CONSTRUCTORA_JK_INGENIEROS]> CREATE TABLE proyectos(
    -> codigo_proyecto INT PRIMARY KEY NOT NULL,
    -> nombre VARCHAR(20) NOT NULL,
    -> costo FLOAT NOT NULL,
    -> fecha_inicio DATETIME,
    -> fecha_fin DATETIME,
    -> codigo_cliente INT NOT NULL
    -> );
Query OK, 0 rows affected (0.005 sec)

MariaDB [CONSTRUCTORA_JK_INGENIEROS]> CREATE TABLE clientes(
    -> codigo cliente INT PRIMARY KEY NOT NULL,
    -> nombre VARCHAR(20) NOT NULL,
    -> NIT INT NOT NULL,
    -> direccion VARCHAR(30),
    -> ciudad VARCHAR(20),
    -> telefono INT
    -> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'INT PRIMARY
 KEY NOT NULL,
nombre VARCHAR(20) NOT NULL,
NIT INT NOT NULL,
dire...' at line 2
MariaDB [CONSTRUCTORA_JK_INGENIEROS]> CREATE TABLE clientes(
    -> codigo_cliente INT PRIMARY KEY NOT NULL,
    -> nombre VARCHAR(20) NOT NULL,
    -> NIT INT NOT NULL,
    -> direccion VARCHAR(30),
    -> ciudad VARCHAR(20),
    ->  telefono INT
    -> );
Query OK, 0 rows affected (0.005 sec)
```

```
MariaDB [CONSTRUCTORA_JK_INGENIEROS]> show tables;
+-------------------------------------+
| Tables_in_constructora_jk_ingenieros |
+-------------------------------------+
| clientes                            |
| departamentos                       |
| empleados                           |
| proyectos                           |
+-------------------------------------+
4 rows in set (0.000 sec)

MariaDB [CONSTRUCTORA_JK_INGENIEROS]> show columns from empleados;
+----------------+-------------+------+-----+---------+----------------+
| Field          | Type        | Null | Key | Default | Extra          |
+----------------+-------------+------+-----+---------+----------------+
| codigo_empleado | int(11)     | NO   | PRI | NULL    | auto_increment |
| nombre         | varchar(20) | NO   |     | NULL    |                |
| apellido       | varchar(20) | NO   |     | NULL    |                |
| sueldo         | float       | NO   |     | NULL    |                |
| ciudad         | varchar(20) | NO   |     | NULL    |                |
| id_proyecto    | int(11)     | NO   |     | NULL    |                |
| celular        | int(11)     | NO   |     | NULL    |                |
| correo         | varchar(30) | YES  |     | NULL    |                |
+----------------+-------------+------+-----+---------+----------------+
8 rows in set (0.009 sec)

MariaDB [CONSTRUCTORA_JK_INGENIEROS]> show columns from departamentos;
+--------------------+-------------+------+-----+---------+----------------+
| Field              | Type        | Null | Key | Default | Extra          |
+--------------------+-------------+------+-----+---------+----------------+
| codigo_departamento | int(11)     | NO   | PRI | NULL    | auto_increment |
| nombre             | varchar(20) | YES  |     | NULL    |                |
| ciudad             | varchar(20) | YES  |     | NULL    |                |
| telefono           | int(11)     | YES  |     | NULL    |                |
+--------------------+-------------+------+-----+---------+----------------+
4 rows in set (0.008 sec)
```

```
MariaDB [CONSTRUCTORA_JK_INGENIEROS]> show columns from proyectos;
+-----------------+-------------+------+-----+---------+-------+
| Field           | Type        | Null | Key | Default | Extra |
+-----------------+-------------+------+-----+---------+-------+
| codigo_proyecto | int(11)     | NO   | PRI | NULL    |       |
| nombre          | varchar(20) | NO   |     | NULL    |       |
| costo           | float       | NO   |     | NULL    |       |
| fecha_inicio    | datetime    | YES  |     | NULL    |       |
| fecha_fin       | datetime    | YES  |     | NULL    |       |
| codigo_cliente  | int(11)     | NO   |     | NULL    |       |
+-----------------+-------------+------+-----+---------+-------+
6 rows in set (0.008 sec)

MariaDB [CONSTRUCTORA_JK_INGENIEROS]> show columns from clientes;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| codigo_cliente | int(11)     | NO   | PRI | NULL    |       |
| nombre        | varchar(20) | NO   |     | NULL    |       |
| NIT           | int(11)     | NO   |     | NULL    |       |
| direccion     | varchar(30) | YES  |     | NULL    |       |
| ciudad        | varchar(20) | YES  |     | NULL    |       |
| telefono      | int(11)     | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
6 rows in set (0.010 sec)
```