

**Problem:**

1. Display the details of all the employees

**Solution:**

Requirements:

1. Node.js
2. Mysql
3. Code file (server.js)

**Commands used for mysql**

Mysql -u root -p

Database: employee;

Table: emp

**To use the database**

use employee;

**Create table**

```
CREATE TABLE emp (  
    id int AUTO_INCREMENT PRIMARY KEY,  
    name varchar(255),  
    department varchar(255),  
);
```

**Insert to table**

```
INSERT INTO emp (id, name, department)  
VALUES (1,"Samrat","Marketing");
```

**List of all employees**

```
Select * from emp;
```

**Backend****Create a server**

```
const server = http.createServer().listen(8080);
```

**Mysql config**

```
const pool = mysql.createPool({  
    host: 'localhost',  
    user: 'root',  
    password: 'root',  
    database: 'employee'  
});
```

Mysql connection

```
pool.getConnection();
```

Mysql query

```
con.query(sql, (err, res, cols));
```

**Snapshot of the project.**

Snapshot of the database

```
mysql> select * from emp;
+----+-----+-----+
| id | name   | department |
+----+-----+-----+
| 1  | Samrat | Marketing  |
| 2  | Srusti | Web        |
| 3  | Varun  | Operations |
| 4  | Tasheer | Operations |
+----+-----+-----+
4 rows in set (0.00 sec)
```

Snapshot of the output

# List of Employee

id	Name	Department
1	Samrat	Marketing
2	Srusti	Web
3	Varun	Operations
4	Tasheer	Operations