

## Table script

```
DROP TABLE IF EXISTS `country`;
```

```
CREATE TABLE `country` (
```

```
  `cid` int(11) NOT NULL AUTO_INCREMENT,
```

```
  `cnajame` varchar(45) DEFAULT NULL,
```

```
  PRIMARY KEY (`cid`),
```

```
  CONSTRAINT `Foreign Key` FOREIGN KEY (`cid`) REFERENCES `employee` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION
```

```
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=latin1;
```

```
INSERT INTO `country` VALUES (1,'India'),(2,'Bhutan'),(3,'Nepal'),(4,'China'),(5,'America'),(6,'Sweetzerland');
```

```
INSERT INTO `country` VALUES (1,'India'),(2,'Bhutan'),(3,'Nepal'),(4,'China'),(5,'America'),(6,'Sweetzerland');
```

```
CREATE TABLE `employee` (
```

```
  `id` int(10) NOT NULL AUTO_INCREMENT,
```

```
  `name` varchar(45) DEFAULT NULL,
```

```
  `phoneno` varchar(45) DEFAULT NULL,
```

```
  `departmentit` varchar(45) DEFAULT NULL,
```

```
  `status` varchar(45) DEFAULT 'inactive',
```

```
  `createddtm` datetime NOT NULL,
```

```
  `createdby` varchar(45) DEFAULT 'system',
```

```
  `updateddtm` datetime NOT NULL,
```

```
  `updatedby` varchar(45) DEFAULT 'system',
```

```
  `cid` int(11) DEFAULT NULL,
```

```
  PRIMARY KEY (`id`)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=45 DEFAULT CHARSET=latin1;
```

```
INSERT INTO `employee` VALUES (1,'KiranSir','1234567890','it','active','2020-01-21 00:00:00','Vikash','2020-01-21 00:00:00','Kumar',1);
```

## API #1

**URL:** <http://localhost:8080/api/showallEmployee>

TYPE : GET

### Request JSON

- No input.

### Response JSON

```
[
  {
    "id": 1,
    "name": "KiranSir",
    "phoneno": "1234567890",
    "departmentit": "it",
    "status": "active",
    "createddtm": "2020-01-21 00:00:00.0",
    "createdby": "Vikash",
    "updateddtm": "2020-01-21 00:00:00.0",
    "updatedby": "Kumar",
    "cid": 1
  }
]
```

### Controller Code

```
// To retrieve all employees.
@GetMapping(value = "/showallEmployee")
public List<Employee> showAllEmployees() {
    return employeeService.showAllEmployee();
}
```

## API #2

**URL:** <http://localhost:8080/api/status/inactive>

TYPE : GET

### Request JSON

- No input.

### Response JSON

```
[
  {
    "id": 21,
    "name": "Vikash",
    "phoneno": "9743152782",
    "departmentit": "it",
    "status": "inactive",
    "createddtm": "2020-01-23 13:12:20.0",
    "createdby": "system",
    "updateddtm": "2020-01-23 13:12:15.0",
    "updatedby": "system",
    "cid": 1
  },
]
```

### Controller Code

```
@GetMapping(value = "/status/{status}")
public List<Employee> allInactiveEmployee(@PathVariable("status") String status) {
    System.out.println(" " +status);
    return employeeService.getInactiveEmp(status);
}
```

## API #3

**URL: <http://localhost:8080/api/employeeService/active>**

TYPE: GET

### Request JSON

- No input.

### Response JSON

```
[
  {
    "id": 1,
    "name": "KiranSir",
    "phoneno": "1234567890",
    "departmentit": "it",
    "status": "active",
    "createddtm": "2020-01-21 00:00:00.0",
    "createdby": "Vikash",
    "updateddtm": "2020-01-21 00:00:00.0",
    "updatedby": "Kumar",
    "cid": 1
  },
]
```

### Controller Code :

```
@GetMapping(value = "/employeeService/{status}")
public List<Employee> allActiveEmply(@PathVariable("status") String status) {
    return employeeService.allActiveEmply(status);
}
```

## API #4

**URL: <http://localhost:8080/api/allSuspended/suspended>**

TYPE: GET

### Request JSON

- No input.

### Response JSON

```
[
  {
    "id": 5,
    "name": "Soren",
    "phoneno": "1234567890",
    "departmentit": "it",
    "status": "suspended",
    "createddtm": "2020-01-20 00:00:00.0",
    "createdby": "Soren",
    "updateddtm": "2020-01-20 00:00:00.0",
    "updatedby": "Soren",
    "cid": 5
  }
]
```

### Controller Code :

```
@GetMapping(value = "/allSuspended/{status}")
public List<Employee> allSuspendedEmployee(@PathVariable("status") String status) {
    return employeeService.allSuspendedEmployee(status);
}
```

## API #5

**URL: <http://localhost:8080/api/1>**

TYPE: GET

### Request JSON

- No input.

### Response JSON

```
[
  {
    "id": 1,
    "name": "KiranSir",
    "phoneno": "1234567890",
    "departmentit": "it",
    "status": "active",
    "createddtm": "2020-01-21 00:00:00.0",
    "createdby": "Vikash",
    "updateddtm": "2020-01-21 00:00:00.0",
    "updatedby": "Kumar",
    "cid": 1
  }
]
```

### Controller Code:

```
@GetMapping (value =("/{id}")
    public List<Employee> getEmp(@PathVariable("id") int id) {
        return employeeService.getAllEmp(id);
    }
```

## API #6

**URL:** <http://localhost:8080/api/showEmployeesByName/KiranSir>

TYPE: GET

### Request JSON

- No input.

### Response JSON

```
[  
  {  
    "id": 1,  
    "name": "KiranSir",  
    "phoneno": "1234567890",  
    "departmentit": "it",  
    "status": "active",  
    "createddtm": "2020-01-21 00:00:00.0",  
    "createdby": "Vikash",  
    "updateddtm": "2020-01-21 00:00:00.0",  
    "updatedby": "Kumar",  
    "cid": 1  
  }  
]
```

### Controller Code:

```
@GetMapping(value = "/showEmployeesByName/{name}")  
public List<Employee> showEmployeesByName(@PathVariable("name") String name) {  
    return employeeService.getEmpByName(name);  
}
```

## API #7

**URL : <http://localhost:8080/api/listofempbeforetoday>**

TYPE: GET

### Request JSON

- No input.

### Response JSON

```
[
  {
    "id": 1,
    "name": "KiranSir",
    "phoneno": "1234567890",
    "departmentit": "it",
    "status": "active",
    "createddtm": "2020-01-21 00:00:00.0",
    "createdby": "Vikash",
    "updateddtm": "2020-01-21 00:00:00.0",
    "updatedby": "Kumar",
    "cid": 1
  }
]
```

### Controller Code:

```
@GetMapping("/listofempbeforetoday")
public List<Employee> getListEmpBeforeToday(){
    return employeeService.getListEmpBeforeToday();
}
```