1: Department Class

@Entity

@Table(name = "department\_details",catalog = "mappings\_practice")

**public** **class** Department {

@Id

@GeneratedValue(strategy = GenerationType.AUTO)

@Column(name = "department\_id")

**private** **int** id;

@Column(name = "department\_name")

**private** String name;

2: Contact Details

@Entity

@Table(name = "contact",catalog = "mappings\_practice")

**public** **class** ContactDetails {

@Id

@GeneratedValue(strategy = GenerationType.***AUTO***)

**private** **int** id;

**private** Long phoneNumber;

3: Employee Class

@Entity

@Table(name = "employee\_details",catalog = "mappings\_practice")

**public** **class** Employee {

@Id

@Column(name = "employee\_id")

@GeneratedValue(strategy = GenerationType.***AUTO***)

**private** **int** id;

@Column(name = "employee\_name")

**private** String name;

**private** String city;

@OneToOne(cascade = CascadeType.***ALL***)

@JoinColumn(name = "contact")

**private** ContactDetails contact;

@ManyToOne(cascade = CascadeType.***ALL***)

@JoinColumn(name = "department",referencedColumnName = "department\_id")

**private** Department department;

Company Controller

@PostMapping("/register")

**public** ResponseEntity<Employee> registerPerson(@RequestBody Employee employee){

Employee emp = employeeRepository.save(employee);

**return** **new** ResponseEntity<>(emp,HttpStatus.***CREATED***);

}

@GetMapping("/getAll")

**public** ResponseEntity<List<Employee>> registerPerson(){

**return** **new** ResponseEntity<>(employeeRepository.findAll(),HttpStatus.***CREATED***);

}

curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{ \

"city": "Mysore", \

"contact": { \

"phoneNumber": 9113683980 \

}, \

"department": { \

"name": "IMTS" \

}, \

"name": "Lekha" \

}' 'http://localhost:9878/register'

**Request URL**

http://localhost:9878/register

{

"city": "Bangalore",

"contact": {

"phoneNumber": 9113686220

},

"department": {

"name": "RCM"

},

"name": "Koms"

}