Note: Candidate should know spring /Spring boot to complete the below task. We can give this to 0-1 yrs trained candidates

* Create an “Employee” table in any database with the following columns.
  + Id
  + FirstName
  + LastName
  + Gender
  + DOB
  + Salutation
  + Designation
  + Email
  + Mobile
  + AddressLIne1
  + AddressLIne2
  + City
  + State
  + Pin
  + Country

Table "employees"

CREATE TABLE employees (

id INT NOT NULL, -- UNSIGNED AUTO\_INCREMENT??

DOB. DATE NOT NULL,

firstName VARCHAR(14) NOT NULL,

lastName VARCHAR(16) NOT NULL,

Salutation

Designation

Email. VARCHAR(20)

Mobile INT

AddressLine1 VARCHAR (40) NOT NUL,

AddressLine2 VARCHAR(30) NOT NULL

City VARCHAR (20)

State. VARCHAR (20)

Country VARCHAR (10)

-- INDEX (first\_name)

-- INDEX (last\_name)

);

* Create a Spring boot program to connect to database  and access the above collection.
* Create a REST API to perform CRUD (Create/Read/Update/Delete) operation on the “Employee” collection.

CREATE TABLE IF NOT EXISTS `Employee` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`name` varchar(256) NOT NULL,

`email` varchar(50),

`age` int(11) NOT NULL,

`designation` varchar(255) NOT NULL,

`created` datetime NOT NULL,

PRIMARY KEY (`id`)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO\_INCREMENT=19;

* Use Postman to test the APIs.

Select method as POST and write the request URL.

In this example, we will be sending request data in JSON format. For this, Go to Body and select raw from the radio buttons listed. Then, select JSON.

Write the request body(you can also enter headers if required) and hit Send.

* Push the code to GitHub and provide the link