

```
String Application.run(Simple Rest Api Application  
    static void main (String[] args) {  
        class args );  
    }
```

```
package com.example.SimpleRestAPIs  
    Controller;
```

```
import spring framework.web.bind.annotation
```

```
    'Request Mapping';
```

```
import spring framework.web.bind
```

```
    annotation.RequestParam;
```

```
import spring framework.web.bind.annotation  
    Rest Controller;
```

```
import com.example.SimpleRestAPIs.model
```

```
    Sample Response;
```

```
@RestController
```

```
    @RequestMapping("/sample")
```

```
    public Sample Response Sample(@Request
```

```
        Param (value = "name");
```

```
    default value = "Bank" String name)
```

```
    Sample Response response = new Sample
```

```
    Response (set BAC);
```

```
    Response (set BAC HD FC);
```

```
    return response;
```

Package . com . example . simple rest APIs . models .

public class sampleResponse {

private String B;

private String BA;

public String get B() {  
return B;

}  
public void set B(String message) {  
return message;

}  
public void set B(String B) {  
this . message = message;

}  
public long get BA() {  
return BA;

}  
~~public void~~ long get set BA() {  
return BA;

public void set BA ~~BA~~ (long BA) {  
~~long BA~~ this . BA = BA;

}

Package . com . example . sample Rest APIs

import org . springframework . boot . spring  
import org . springframework . boot . auto  
configure . spring boot APP;

@SpringBootApplication

Rest API Application



HTML 1.0 Transition // ENM,  
http://www.~~Bank~~Bank.org/TR/xhtml1/DTD/xhtml1-  
transition.dtd">

<html  
xmlns="http://www.Bank.org/1999/  
xhtml" >

</html>

import spring framework . web . bind . annotation .

Request Mapping ;

import spring framework . web . bind .  
annotation . RequestParam ;

import Spring framework . web . bind . annotation .  
Rest controller ;

import com . example . Simple Rest api . model .  
Sample Response ;

Rest Controller {

@Request mapping (" / Sample ")

public Sample Response sample (@ Request  
Param (value = " name " , ;

default value = " Bank " ) String name) {  
Sample Response response = new Sample Response ;

response . set BAC ( " " ;

response . set B ( HDFC ) ;

return response ;

package com.example.simplestAPIs.model;

public class sampleResponse;

private String B;

private String BA;

public String get B() {  
return B;

}  
public void set B(String message) {  
return message;

}  
public void set B (String B) {  
this . message = message;

}  
public long get BA() {  
return BA;

}  
~~public void~~ long get  
set BA () {  
return BA;

public void set BA ~~BA~~ (long BA) {  
~~long BA~~ this . BA = BA ;

}

package com . example . sample Rest APIs ;

import org . springframework . boot . spring App ;

import org . springframework . boot . auto  
configure . spring boot App ;



Package com.example.springboot.example.

models;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Table;

import javax.persistence.Validation;  
constraints.NotNull;

(a) Entity

(a) TABLE (name = "employee")

public class Employee {

// - - -  
// PRIVATE FIELDS

// Id  
(a) GeneratedValue (strategy = GenerationType  
.IDENTIFY)

private int id;

(a) NOT NULL  
public String employee - name;

(a) NOT NULL  
private int employee - salary;

```
}  
public Employee (String employee - name,  
int employee - salary, int employee -  
age) {  
    this.employee - name =  
    this.employee - age =  
    this.employee - salary =  
    public String getName () {  
        return employee - name;  
    }  
    public int getSalary () {  
        return employee - salary;  
    }  
    public int getAge () {  
        return employee - age;  
    }  
    public void setAge (int age) {  
        this.employee - age = age;  
    }  
    public void set setName (  
        String name) {  
        this.employee - name = name;  
    }  
    public void setSalary (int salary) {  
        this.employee - salary = salary;  
    }  
    public void setId (int value) {  
        this.id = value;  
    }  
    public int getId () {  
        return id;  
    }  
}
```

1/11/2017

Assignment -

Create TABLE for 'Employee'  
'id' int(11) NOT NULL  
Key'

'Employee - name' varchar(25)  
comment 'Employee name'

'Employee - salary' double  
'Employee salary',

'Employee - age' int(11) NOT  
Employee age)

ENGINE = InnoDB AUTO  
= 59, DEFAULT CHARSET

COMMENT = "data table d"

Inserting data for table 'em

INSERT INTO 'Employee'  
'Employee - name'; 'Employee -  
'Employee - salary'; VALUES



## Assignment 5

Package .com .example .jstapl example .  
models;

import .java x . persistence . Entity ;  
import . java x . persistence . Generation Value ;  
import . java x . persistence . Generation Type ;  
import . java x . persistence . Table ;  
import . java x . persistence . Validation .  
constraints . Not Null ;

### ① Entity

① TABLE (name = "employee")

public class Employee {

// - - -  
// PRIVATE FIELDS

### ① Id

① Generated Value (strategy = GenerationType  
IDENTIFY)

private int id;

### ① NOT NULL

public String employee - name ;

### ① NOT NULL

private int employee - salary ;

### ① NOT NULL

public int employee - age ;

public Employee (String name ,  
int employee - salary , int employee -  
age) {

this . employee - name =

this . employee - age =

this . employee - salary =

public String getName () {

return employee - name ;

} public int getSalary () {

return employee - salary ;

} public int getAge () {

return employee - age ;

public void setAge (int age) {

this . employee - age = age ;

} public void ~~set~~ setName (  
String name) {

this . employee - name = name ;

public void setSalary (int salary) {

this . employee - salary = salary ;

} public void setId (int value) {

this . id = value ;

} public int getId () {