

```
String Application.run(Simple Rest Api Application  
    • class, args );  
}
```

```
package com.example.SimpleRestAPIS  
    Controller;
```

```
import springframework.web.bind.annotation
```

```
    'Request Mapping';
```

```
import springframework.web.bind.  
    annotation.RequestParam;
```

```
import springframework.web.bind.annot  
    Rest Controller;
```

```
import com.example.SimpleRestAppl.mo  
    Sample Response;
```

```
@Rest Controller {
```

```
    @Request Mapping (" / Sample ")
```

```
    public Sample Response Sample (@Req
```

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

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

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

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

```
    Response . set B C H D F C );
```

```
    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

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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;
import javax.persistence.constraints.NotNull;

```

① Entity

① TABLE (name = "employee")  
 public class Employee {

// - -  
 // PRIVATE FIELDS

① Id  
 ① GeneratedValue (strategy = GenerationType  
 .IDENTIFY)

private int id;

① NOT NULL  
 public String employee - name;

① 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 get ID (); {
    return id;
  }

```

✓/ntnu

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 .javaX . persistence . Entity;  
import .javaX . persistence . GenerationType;  
import .javaX . persistence . GenerationType;  
import .javaX . persistence . Table;  
import .javaX . persistence . Validation;  
constraints . NotNull;

### ① Entity

① TABLE (name = "employee")

public class Employee {

// - - -  
// PRIVATE FIELDS

### ① Id

① GeneratedValue (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 () {