2. Create a project to Consume a RESTful web service.

# Source Code :

# Quote.java

**package** com.ecommerce.beans;

**import** com.fasterxml.jackson.annotation.\*;

**import** com.fasterxml.jackson.annotation.JacksonInject.Value;

**import** com.fasterxml.jackson.annotation.JsonIgnoreProperties;

@JsonIgnoreProperties(ignoreUnknown = **true**) **public class** Quote {

**private** String type;

**private** Value value;

**public** Quote() {

}

**public** String getType() {

**return** type;

}

**public void** setType(String type) {

**this**.type = type;

}

**public** Value getValue() {

**return** value;

}

**public void** setValue(Value value) {

**this**.value = value;

}

@Override

**public** String toString() {

**return** "Quote{" +

"type='" + type + '\'' + ", value=" + value + '}';

}

}

# Value.java

**package** com.ecommerce.beans;

**import** com.fasterxml.jackson.annotation.JsonIgnoreProperties; @JsonIgnoreProperties(ignoreUnknown = **true**)

**public class** Value {

**private** Long id;

**private** String quote;

**public** Value() {

}

**public** Long getId() {

**return this**.id;

}

**public** String getQuote() {

**return this**.quote;

}

**public void** setId(Long id) {

**this**.id = id;

}

**public void** setQuote(String quote) {

**this**.quote = quote;

}

@Override

**public** String toString() {

**return** "Value{" +

"id=" + id +

", quote='" + quote + '\'' + '}';

}

}

# MainController.java

**package** com.ecommerce.controllers;

**import** org.springframework.http.HttpStatus; **import** org.springframework.http.ResponseEntity; **import** org.springframework.stereotype.Controller;

**import** org.springframework.web.bind.annotation.PathVariable; **import** org.springframework.web.bind.annotation.RequestBody; **import** org.springframework.web.bind.annotation.RequestMapping; **import** org.springframework.web.bind.annotation.RequestMethod; **import** org.springframework.web.bind.annotation.ResponseBody; **import** org.springframework.web.client.RestTemplate;

**import** com.ecommerce.beans.Quote; @Controller

**public class** MainController {

@RequestMapping("/") @ResponseBody

**public** String index() {

RestTemplate restTemplate = **new** RestTemplate();

Quote quote = restTemplate.getForObject("https://gturnquist- quoters.cfapps.io/api/random", Quote.**class**);

**return** quote.toString();

}

}

