**class Quote to work with the public REST service**

**package** com.ecommerce.beans;

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

**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 +

'}';

}

}

**class Value to act as a wrapper for the REST data**

**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 to consume the REST service**

**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();

}

}