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 +

                '}';

    }

}

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 + '\'' +

                '}';

    }

}

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();

          }

}

package com.ecommerce;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class SpringRestClientApplication {

    public static *void* main(String[] *args*) {

        SpringApplication.run(SpringRestClientApplication.class, *args*);

    }

}

package com.ecommerce;

import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest

class SpringRestClientApplicationTests {

    @Test

*void* contextLoads() {

    }

}

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

    <modelVersion>4.0.0</modelVersion>

    <parent>

        <groupId>org.springframework.boot</groupId>

        <artifactId>spring-boot-starter-parent</artifactId>

        <version>2.6.3</version>

        <relativePath/> <!-- lookup parent from repository -->

    </parent>

    <groupId>com.ecommerce</groupId>

    <artifactId>SpringRESTClient</artifactId>

    <version>0.0.1-SNAPSHOT</version>

    <name>SpringRESTClient</name>

    <description>Demo project for Spring Boot</description>

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        <java.version>11</java.version>

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    </build>

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