Consuming RESTful Web Services

Quote.java

```java
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;
```

```java
        }


        @Override
        public String toString() {
            return "Quote{" +
                    "type='" + type + '\'' +
                    ", value=" + value +
                    '}';
        }
    }
```

Quote.java

```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;
    }
```

```java
    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

```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;
```

```java
@Controller
public class MainController {

    @RequestMapping("/")
    @ResponseBody
    public String index() {

        RestTemplate restTemplate = new RestTemplate();
        Quote quote = restTemplate.getForObject("https://type.fit/api/quotes", Quote.class);

        return quote.toString();
    }

}
```