# SOURCE CODE

## com.ecommerce.entity.EProduct.java

```java
package com.ecommerce.entity;

import java.math.BigDecimal;
import java.util.Collection;
import java.util.Date;
import java.util.List;
import java.util.Set;
import java.util.Map;


public class EProduct {
      private long ID;
      private String name;
      private BigDecimal price;
      private Date dateAdded;


      public EProduct() {

      }

      public long getID() {return this.ID; }
      public String getName() { return this.name;}
      public BigDecimal getPrice() { return this.price;}
      public Date getDateAdded() { return this.dateAdded;}

      public void setID(long id) { this.ID = id;}
      public void setName(String name) { this.name = name;}
      public void setPrice(BigDecimal price) { this.price = price;}
      public void setDateAdded(Date date) { this.dateAdded = date;}

}
```

## com.ecommerce.controllers.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;
```

```java
import com.ecommerce.exceptions.ProductNotFoundException;

@Controller
public class MainController {



    @RequestMapping(value = "/product/{id}", method = RequestMethod.GET)
    @ResponseBody
    public String getProduct(@PathVariable("id") String id) {

        if (id.contentEquals("0"))
            throw new ProductNotFoundException();
        return "Product was found";
    }
}
```

## com.ecommerce.controllers.EProductExceptionController.java

```java
package com.ecommerce.controllers;

import org.springframework.http.HttpStatus;
import org.springframework.http.ResponseEntity;
import org.springframework.web.bind.annotation.ControllerAdvice;
import org.springframework.web.bind.annotation.ExceptionHandler;

import com.ecommerce.exceptions.ProductNotFoundException;

@ControllerAdvice
public class EProductExceptionController {

    @ExceptionHandler(value = ProductNotFoundException.class)
    public ResponseEntity<Object> exception(ProductNotFoundException
exception) {
        return new ResponseEntity<>("Product not found",
HttpStatus.NOT_FOUND);
    }
}
```

## com.ecommerce.controllers.ProductNotFoundException.java

```java
package com.ecommerce.exceptions;

public class ProductNotFoundException extends RuntimeException {
    private static final long serialVersionUID = 1L;

}
```