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Fresher Automation Tester

BeanShell Programming in Jmeter

FPT Software
FRESHER ACADEMY

#	Author	Changes Made	Date	Version	Reviewer	Approver
1	LamNS3	docs: create template file	18/01/2019	1.0.0		

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FA Logo	Lab Code/Course Code	Duration in Minutes

EXERCISE 01

1. Create a test plan and give it a meaningful name, such CategoryNow Test.
2. Click on Test Plan and go to Edit ➤ Add ➤ Threads (Users). Add jp@gc - Ultimate Thread Group
 - Start Threads Count: 50
 - Startup time: 10s
 - Hold load: 10 minutes
 - Shutdown time: 10s
3. Click on Ultimate Thread Group and go to Edit ➤ Add ➤ Sampler.

Add BeanShell Sampler.

Adding code to Script as below :

```
import java.net.HttpURLConnection;
import java.net.URL;
import java.nio.charset.StandardCharsets;
import org.apache.commons.io.IOUtils;
```

```
URL url = new
```

```
URL("https://tiki.vn/api/v2/events/deals/?category_ids=&type=now&page=1&per_page=20");
```

```
HttpURLConnection con = (HttpURLConnection)
```

```
url.openConnection();
```

```
con.setRequestMethod("GET");
```

```
String response = IOUtils.toString(con.getInputStream(),
```

```
StandardCharsets.UTF_8);
```

```
return response;
```

4. Extract all product by **URL=" hot-deal-electronics"** by using BeanShell PostProcessor with product information as below:

- ID
 - SKU
 - Name
 - Price
 - fulfillment_type
1. Click on Ultimate Thread Group and go to Edit ➤ Add ➤ Listener.
Add View Results Tree, Summary Report, Aggregate Report, Aggregate Graph
 5. Generate the Dashboard Report

EXERCISE 02

2. Create a test plan and give it a meaningful name, such as Product Information Test.
3. Click on Test Plan and go to Edit ➤ Add ➤ Threads (Users). Add jp@gc - Ultimate Thread Group
 - Start Threads Count: 50
 - Startup time: 10s
 - Hold load: 10 minutes
 - Shutdown time: 10s
4. Click on Ultimate Thread Group and go to Edit ➤ Add ➤ Sampler.
Add BeanShell Sampler.

Adding code to Script as below :

```
import java.net.HttpURLConnection;  
import java.net.URL;  
import java.nio.charset.StandardCharsets;  
import org.apache.commons.io.IOUtils;
```

```
URL url = new  
URL("https://tiki.vn/api/v2/landingpage/products?category_id=26140&  
limit=10&apikey=2cd335e2c2c74a6f9f4b540b91128e55");  
HttpURLConnection con = (HttpURLConnection)  
url.openConnection();  
con.setRequestMethod("GET");
```

```
String response = IOUtils.toString(con.getInputStream(),  
StandardCharsets.UTF_8);  
return response;
```

5. Extract all product with **product price > = 900.000** by using BeanShell PostProcessor with product information as below:
 - Id
 - Sku
 - Name
 - Price
 - Price_usd
6. Click on Ultimate Thread Group and go to Edit ➤ Add ➤ Listener.
Add View Results Tree, Summary Report, Aggregate Report, Aggregate Graph
7. Generate the Dashboard Report