

Database output1:-

```
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| flyaway |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql> use flyaway;
Database changed
mysql> show tables;
+-----+
| Tables_in_flyaway |
+-----+
| f_admin |
| f_airlines |
| f_bookings |
| f_flights |
| f_places |
| f_user |
+-----+
6 rows in set (0.00 sec)

mysql> select * from f_flights;
+-----+
| ID | source | destination | airline_id | departure | arrival | time_taken | price |
+-----+
| 3 | 1 | 4 | 5 | 8 pm | 9.30pm | 1.30 hours | 4500.00 |
| 7 | 1 | 11 | 8 | 8 AM | 10:30 AMx | 2.5 HOURS | 2500.00 |
+-----+
2 rows in set (0.00 sec)

mysql>
```

Databaseoutput2:-

```

+-----+
| f_user |
+-----+
6 rows in set (0.00 sec)

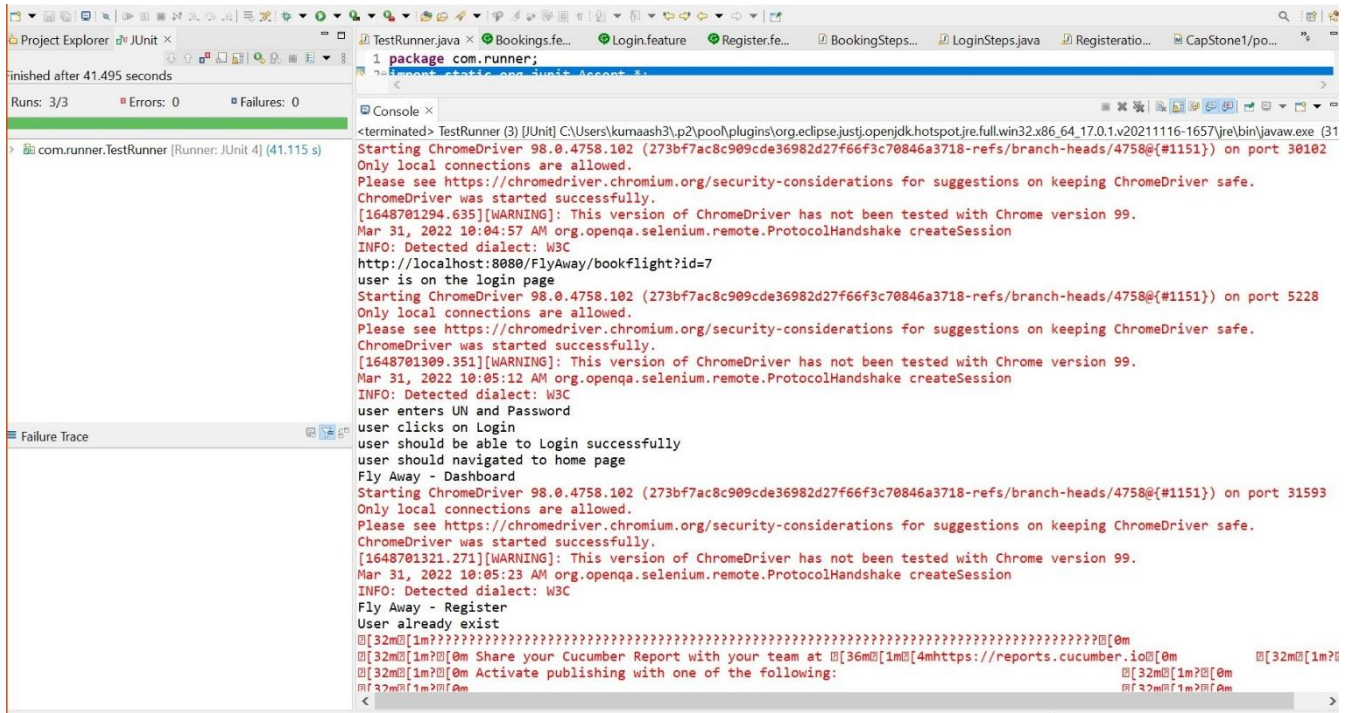
mysql> select * from f_flights;
+-----+
| ID | source | destination | airline_id | departure | arrival | time_taken | price |
+-----+
| 3 | 1 | 4 | 5 | 8 pm | 9.30pm | 1.30 hours | 4500.00 |
| 7 | 1 | 11 | 8 | 8 AM | 10:30 AMx | 2.5 HOURS | 2500.00 |
+-----+
2 rows in set (0.00 sec)

mysql> select * from f_airlines;
+-----+
| ID | name |
+-----+
| 2 | SpiceJet |
| 3 | GoAir |
| 4 | Air India |
| 5 | AirAsia |
| 8 | Vistara |
+-----+
5 rows in set (0.00 sec)

mysql> select * from f_places;
+-----+
| ID | name |
+-----+
| 1 | Bangalore |
| 2 | Mumbai |
| 3 | New Delhi |
| 4 | Chennai |
| 6 | Kolkata |
| 7 | Ahmedabad |
| 10 | tomato |
| 11 | Hyderabad |
+-----+
8 rows in set (0.00 sec)

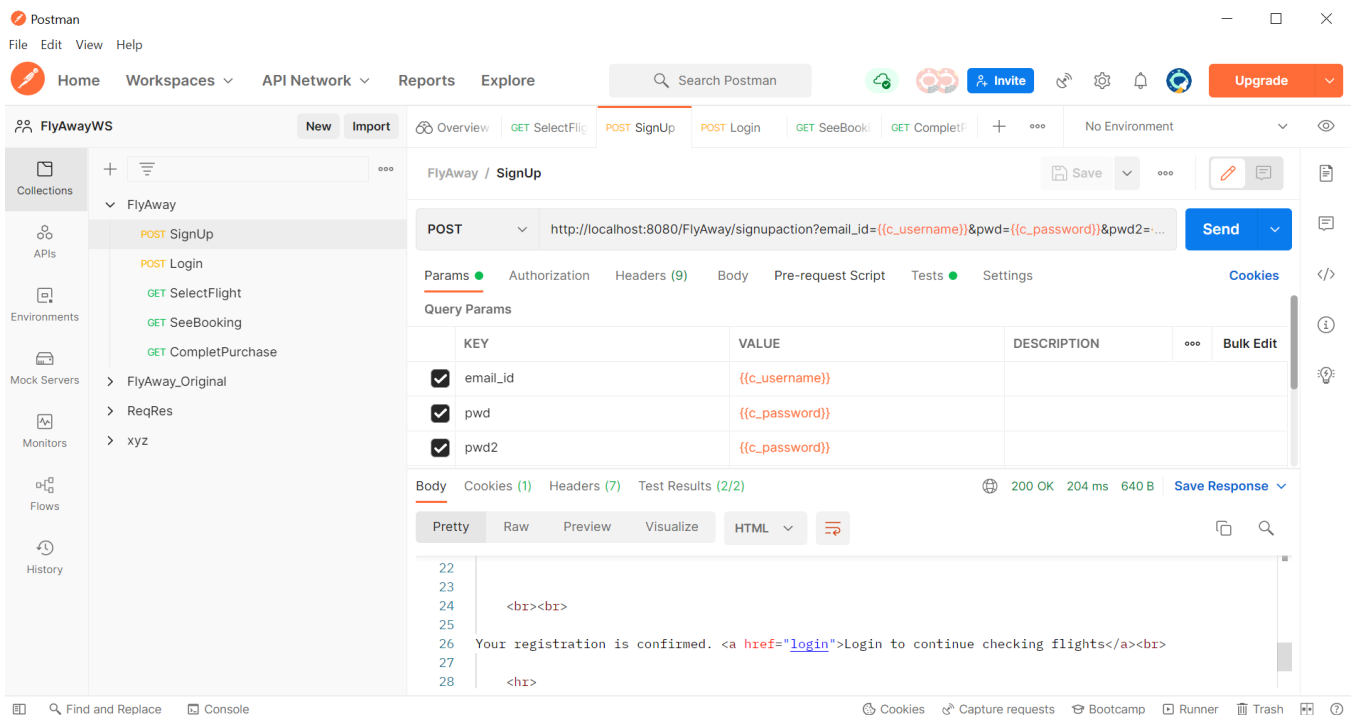
mysql>
```

EclipseConsoleOutput:-



API-TESTING:-

Postmanoutput1:-



Postmanoutput2:-

Postman interface showing a POST request to `http://localhost:8080/FlyAway/loginaction?email_id={{c_username}}&pwd={{c_password}}`. The response is an HTML page with links for Home, Dashboard, Edit Profile, Your Bookings, and Logout.

Request Details:

- Method: POST
- URL: `http://localhost:8080/FlyAway/loginaction?email_id={{c_username}}&pwd={{c_password}}`
- Params: email_id, pwd

Response Details:

- Status: 200 OK
- Time: 17 ms
- Size: 591 B

Response Body (HTML):

```
<a href="home">Home</a> |  
<a href="dashboard">Dashboard</a> |  
<a href="editprofile">Edit Profile</a> |  
<a href="memberbookings">Your Bookings</a> |  
<a href="logout">Logout</a>
```

Postmanoutput3:-

Postman interface showing a GET request to `http://localhost:8080/FlyAway/home?source=1&destination=11`. The response is an HTML page with a form for selecting source and destination.

Request Details:

- Method: GET
- URL: `http://localhost:8080/FlyAway/home?source=1&destination=11`
- Params: source, destination

Response Details:

- Status: 200 OK
- Time: 128 ms
- Size: 1.94 KB

Response Body (HTML):

```
<option value="0">Select Source</option>  
<option value=7>Ahmedabad</option><option value=1 selected>Bangalore</option><option  
value=4>Chennai</option><option value=11>Hyderabad</option><option value=6>Kolkatta</  
option><option value=2>Mumbai</option><option value=3>New Delhi</option><option  
value=10>tomato</option>  
</select>  
</td>  
<td width="35%">  
To<br>  
<select name=destination>  
value="0">Select Destination</option>  
<option value=7>Ahmedabad</option><option value=1>Bangalore</option><option value=4>Chennai</
```

Postmanoutput4:-

Postman interface showing a GET request to `http://localhost:8080/FlyAway/bookflight?id=7`. The response is a 200 OK status with a body containing flight details.

Query Params

KEY	VALUE	DESCRIPTION
id	7	

Body

```
30  
31  
32 <br><br>  
33 Your card will be charged an amount of 2500.00<br><br>  
34 Please confirm your flight details below:<br><br>  
35 <b>Date:</b> Thu Mar 31 10:27:36 IST 2022<br>  
36 <b>Airline:</b> Vistara<br>  
37 <b>Sector:</b> Bangalore - Hyderabad<br>  
38 <b>Departure:</b> 8 AM<br>  
39 <b>Arrival:</b> 10:30 AM<br>  
40 <b>Duration:</b> 2.5 HOURS<br><br>  
41
```

Postmanoutput5:-

Postman interface showing a GET request to `http://localhost:8080/FlyAway/completepurchase`. The response is a 200 OK status with a body containing booking confirmation details.

Query Params

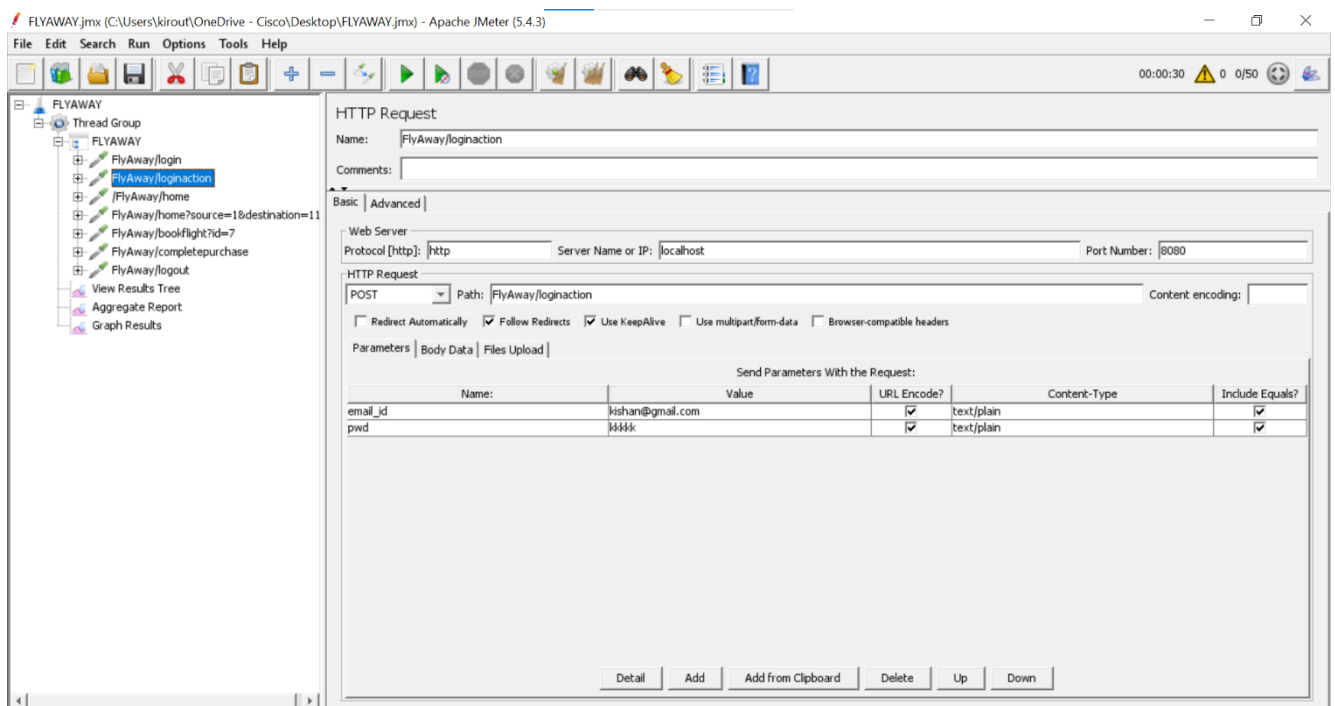
KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

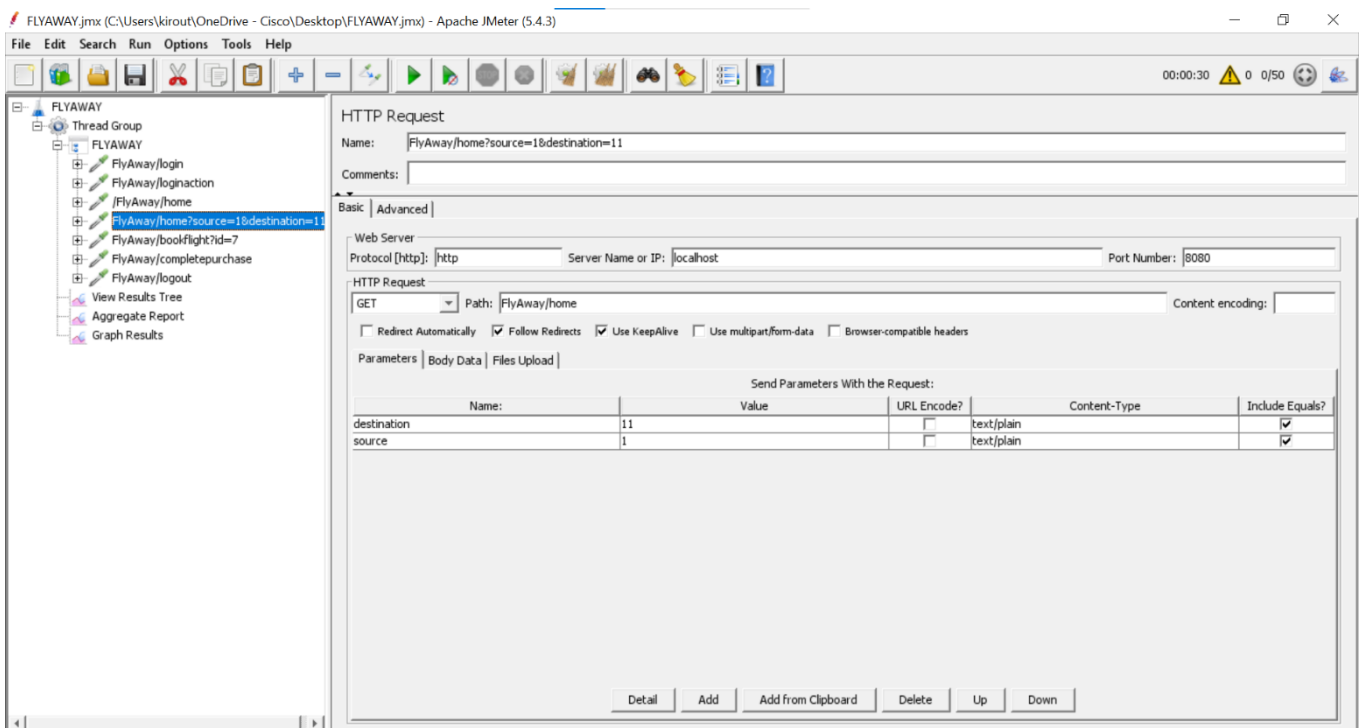
```
28 <DI><DI>  
29  
30  
31 <br><br>  
32 Your Flight by Vistara , from Bangalore to Hyderabad, on Thu Mar 31 10:27:41 IST 2022 has been booked  
33 for 2500.00.<br><br>  
34 Check your <A href="memberbookings">See Your Bookings</A>  
35 <hI>
```

LOADTESTING:-

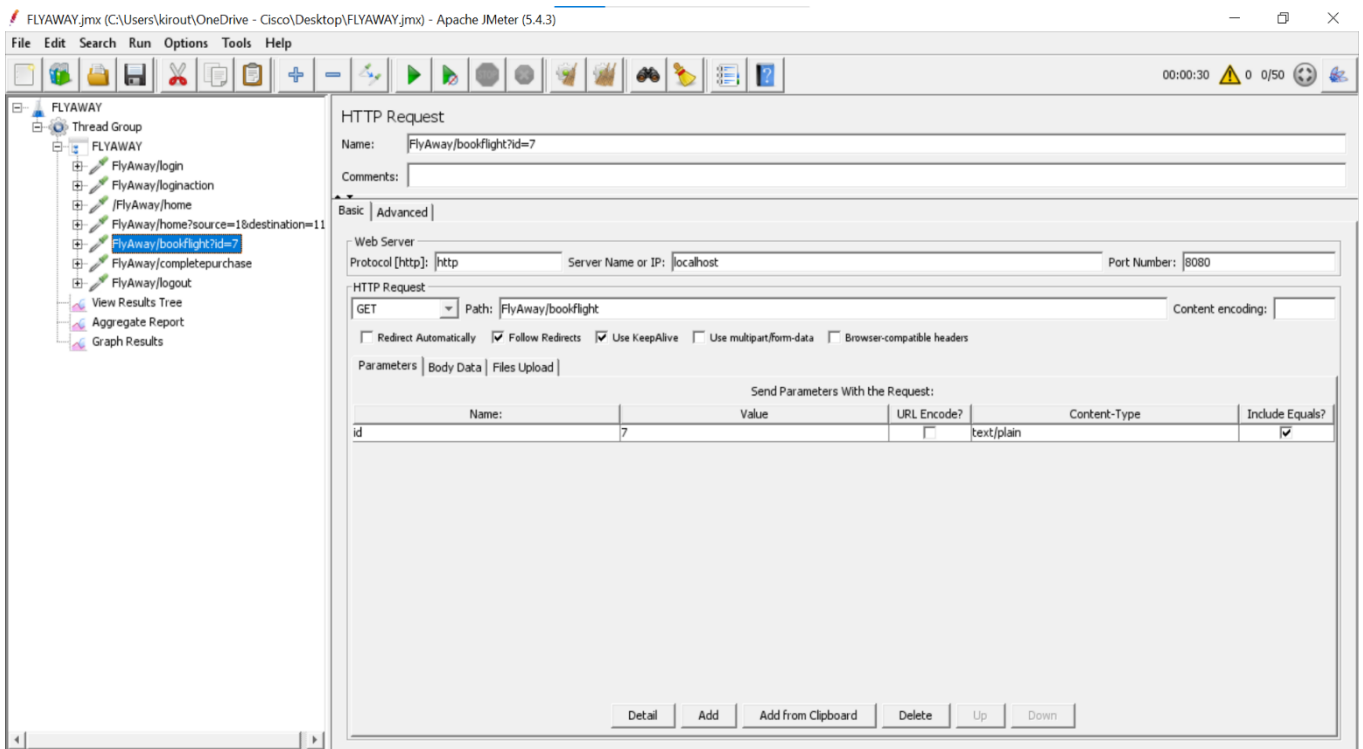
Jmeteroutput1:- (Login)



Jmeteroutput2:-

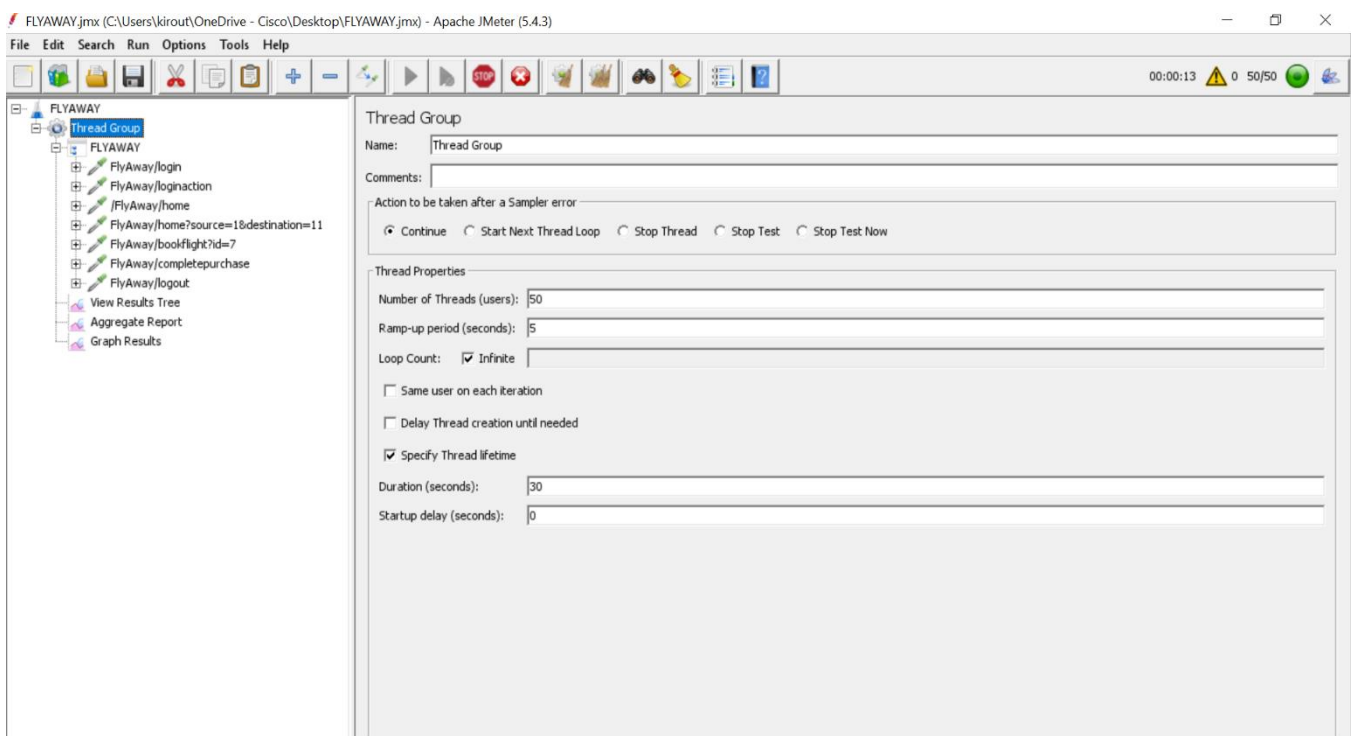


Jmeteroutput3:-

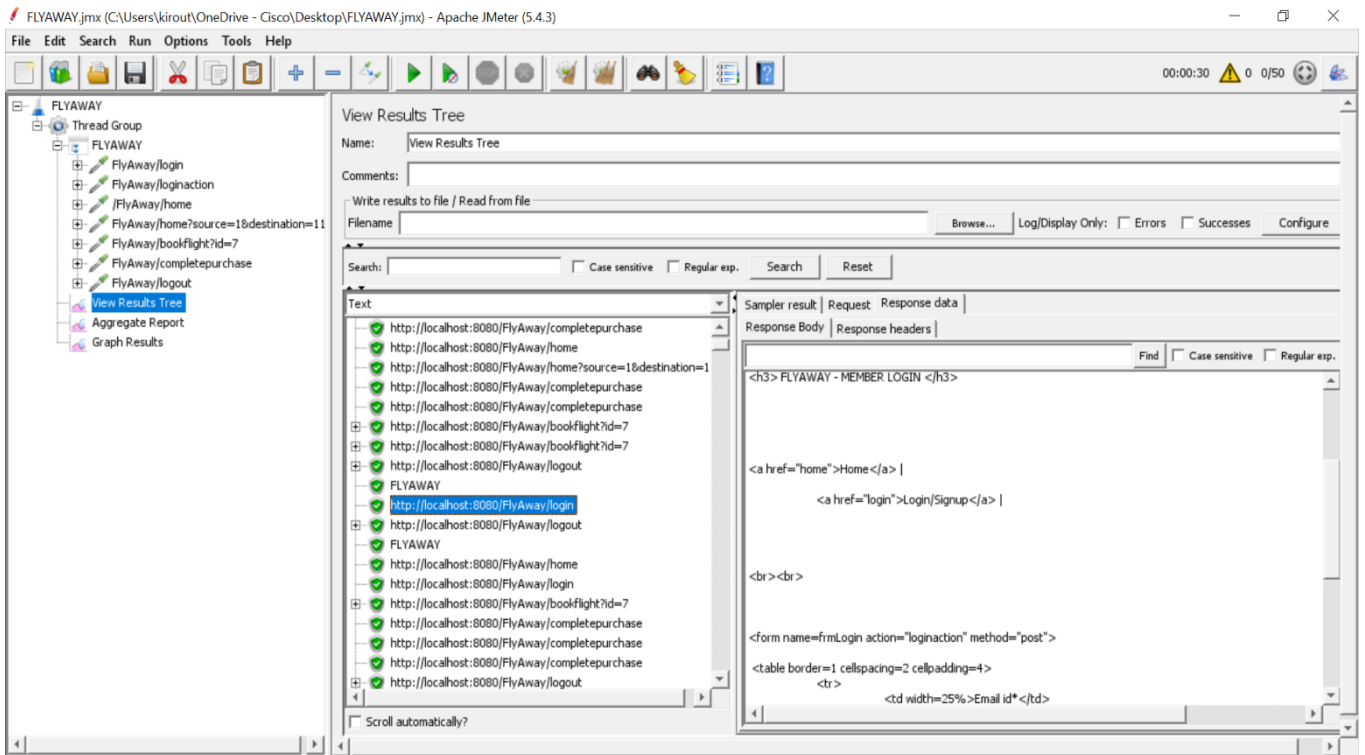


LISTENERS ADDED:-

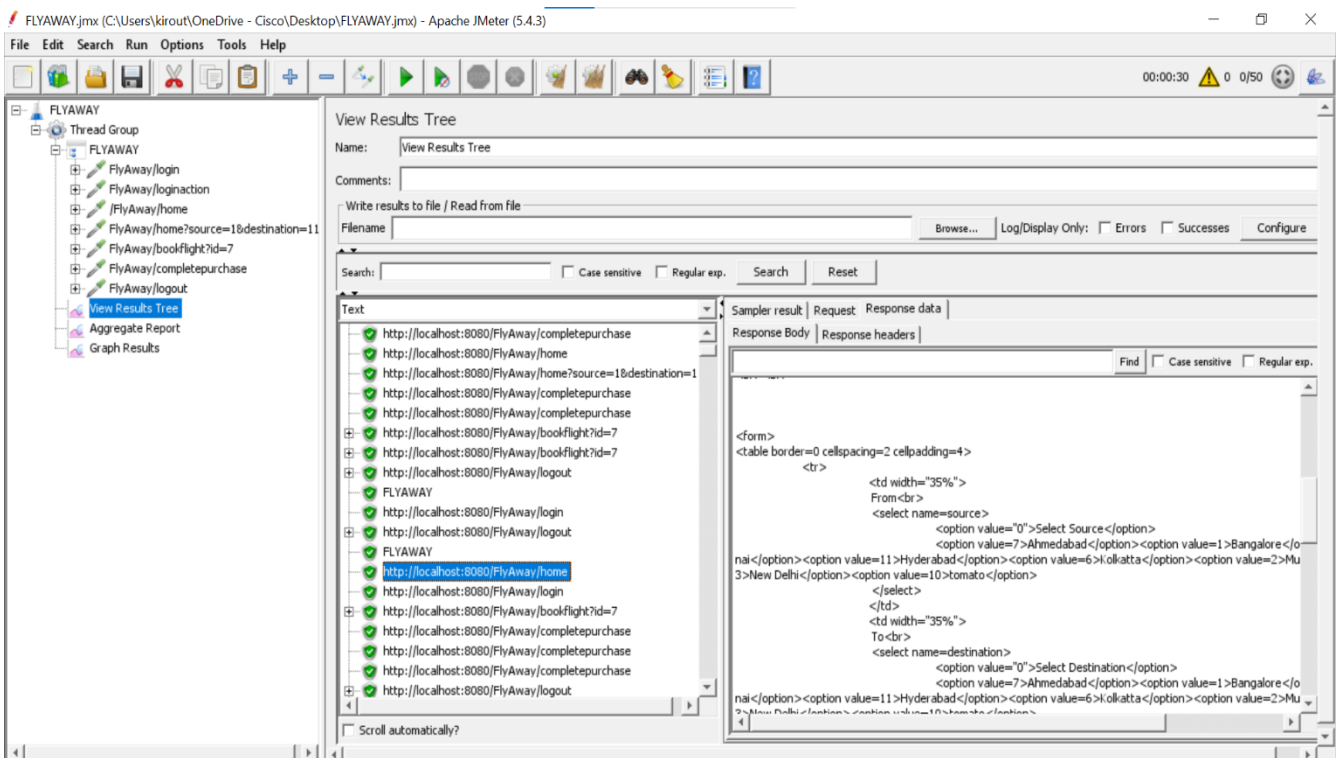
LOAD APPLIED:-



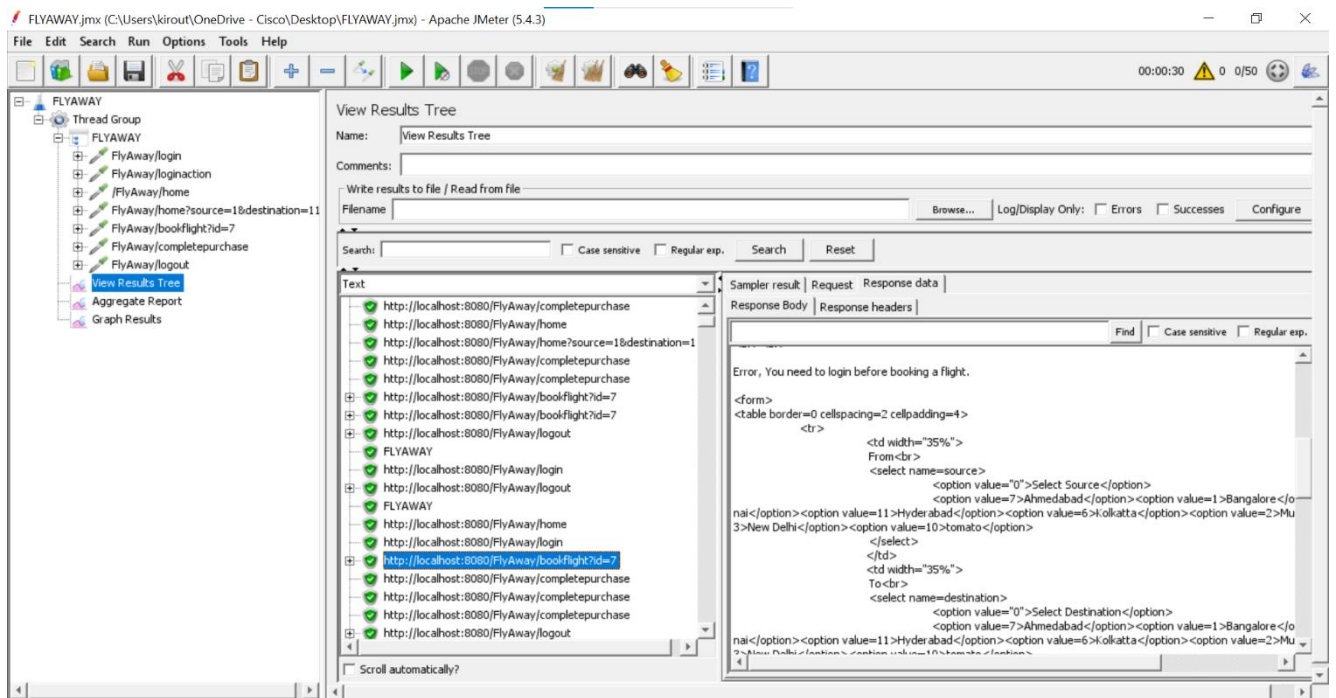
Output1:-



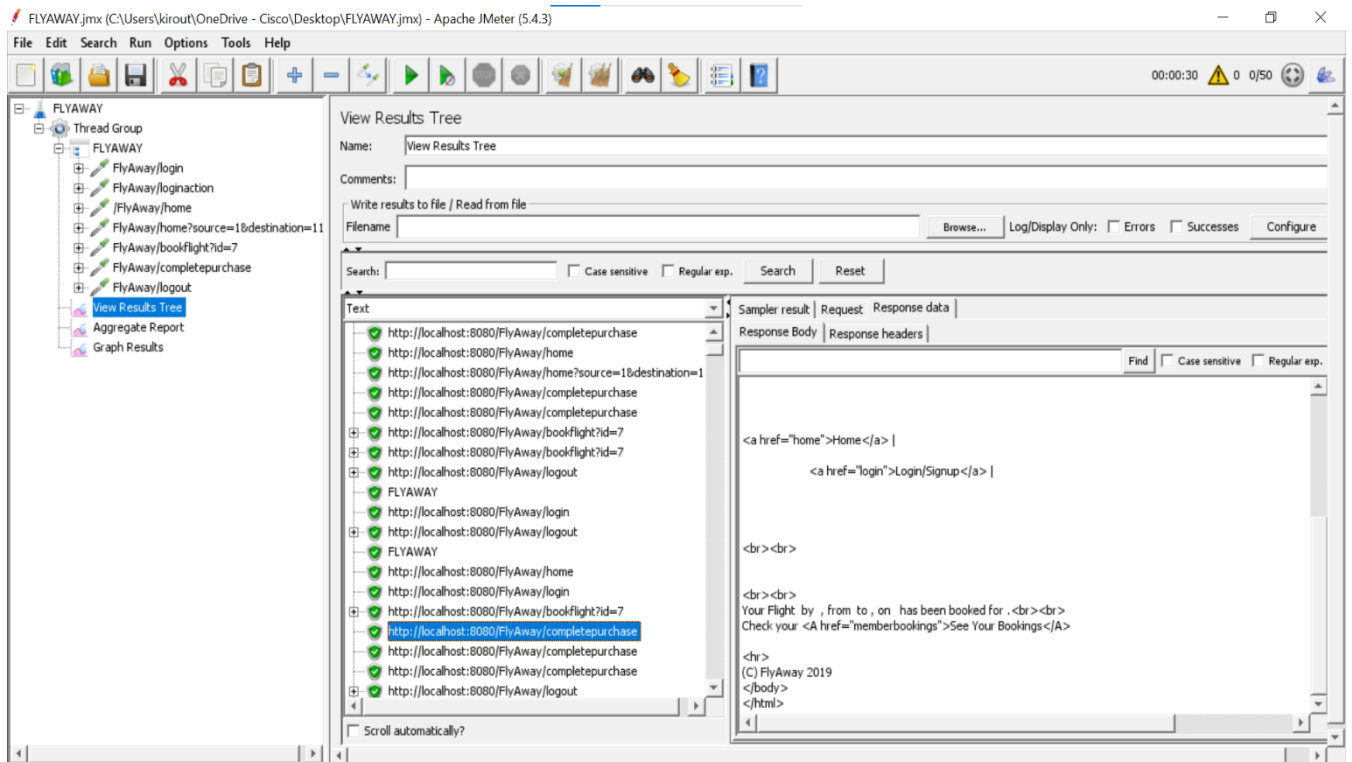
Output2:-

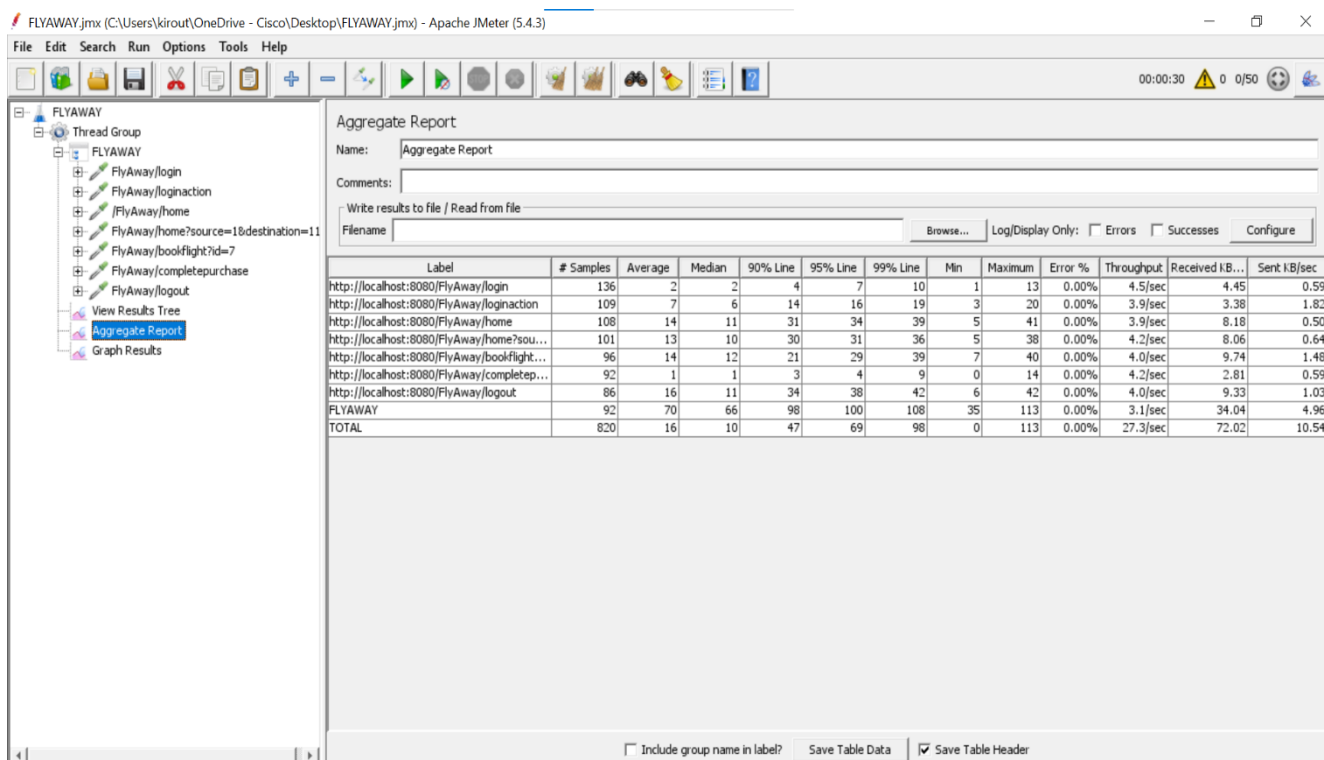


Output3:-

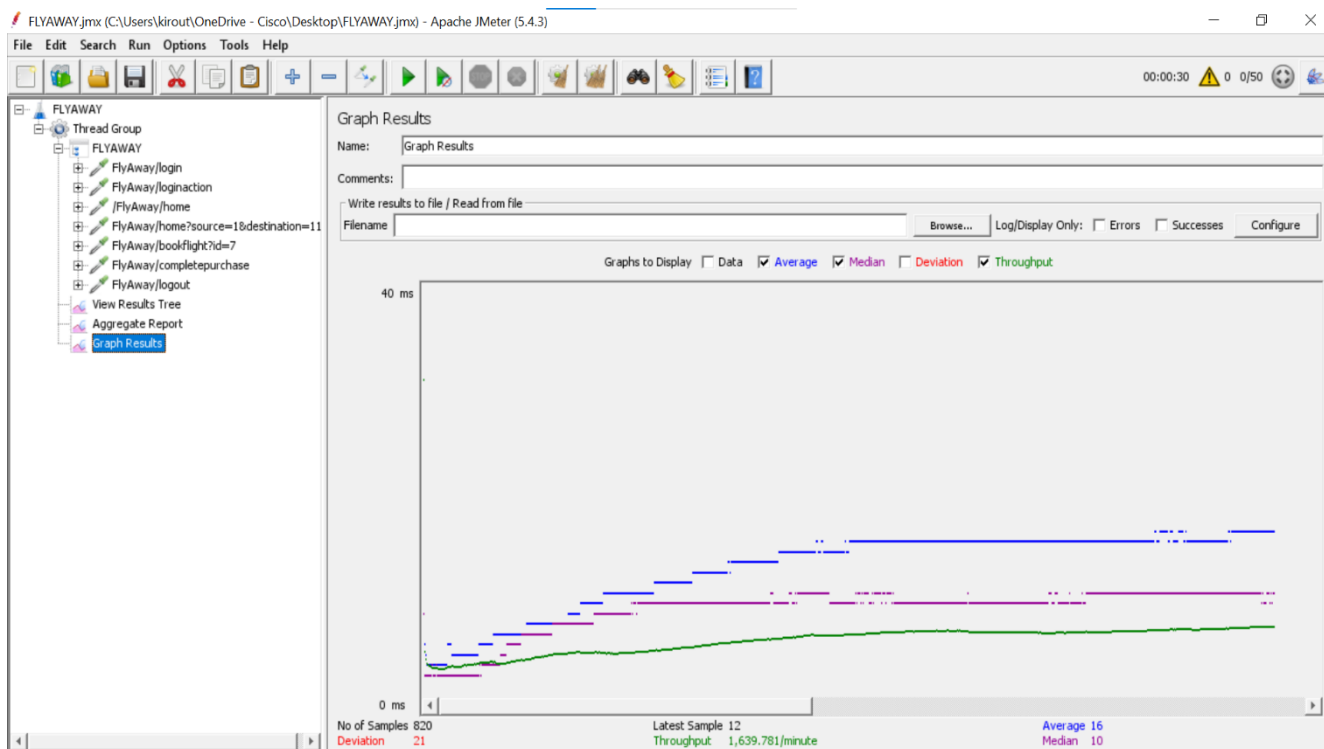


Output4:-





AGGREGATE REPORT



GRAPHICAL RESULT