

1.Screenshot for the code INR to USD conversion

The screenshot displays an IDE interface with the following components:

- Enterprise Explorer:** Shows a project structure with folders for `RESTExample`, `SampleEAR`, and `Servers`.
- Web View:** Displays the URL `http://localhost:8080/RESTExample/labassignment/conversion/itou`. The response is an XML document:

```
<?xml version="1.0"?>
<inrtousdservice>
  <INR>100000.0</INR>
  <inrtousdoutput>@Produces("application/xml") Output: INR to USD Converter Output:
    1459.85401459854</inrtousdoutput>
</inrtousdservice>
```
- Console:** Shows the status of the servers:
 - Tomcat v8.0 Server at localhost [Started, Synchronized]
 - Web Preview Server [Stopped, Republish]
- Failure Trace:** A panel on the right side of the console, currently empty.

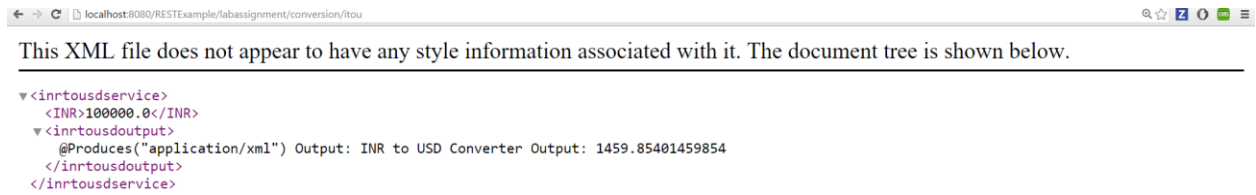
2. Screenshot for the code INR to USD conversion by passing "50000" value

The screenshot displays an IDE interface with the following components:

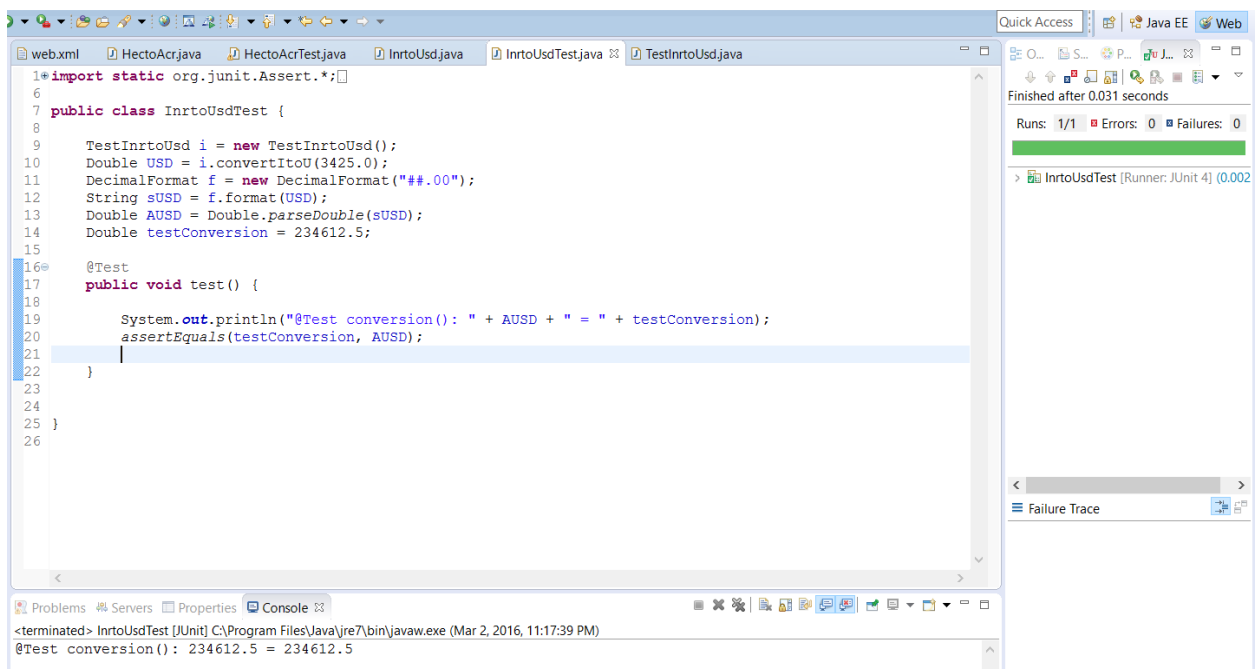
- Enterprise Explorer:** Shows a project structure with folders for `RESTExample`, `SampleEAR`, and `Servers`.
- Browser:** Displays the URL `http://localhost:8080/RESTExample/labassignment/conversion/inrtou/50000`.
- Response View:** Shows an XML response:

```
<?xml version="1.0"?>
- <inrtousdservice>
  <INR>50000.0</INR>
  <inrtousdoutput>@Produces("application/xml") Output: INR to USD Converter Output:
    729.92700729927</inrtousdoutput>
</inrtousdservice>
```
- Problems/Servers:** Shows the status of the `Tomcat v8.0 Server at localhost` (Started, Synchronized) and the `Web Preview Server` (Stopped, Republish).
- Search:** A search bar at the bottom left with the placeholder text "type filter text".

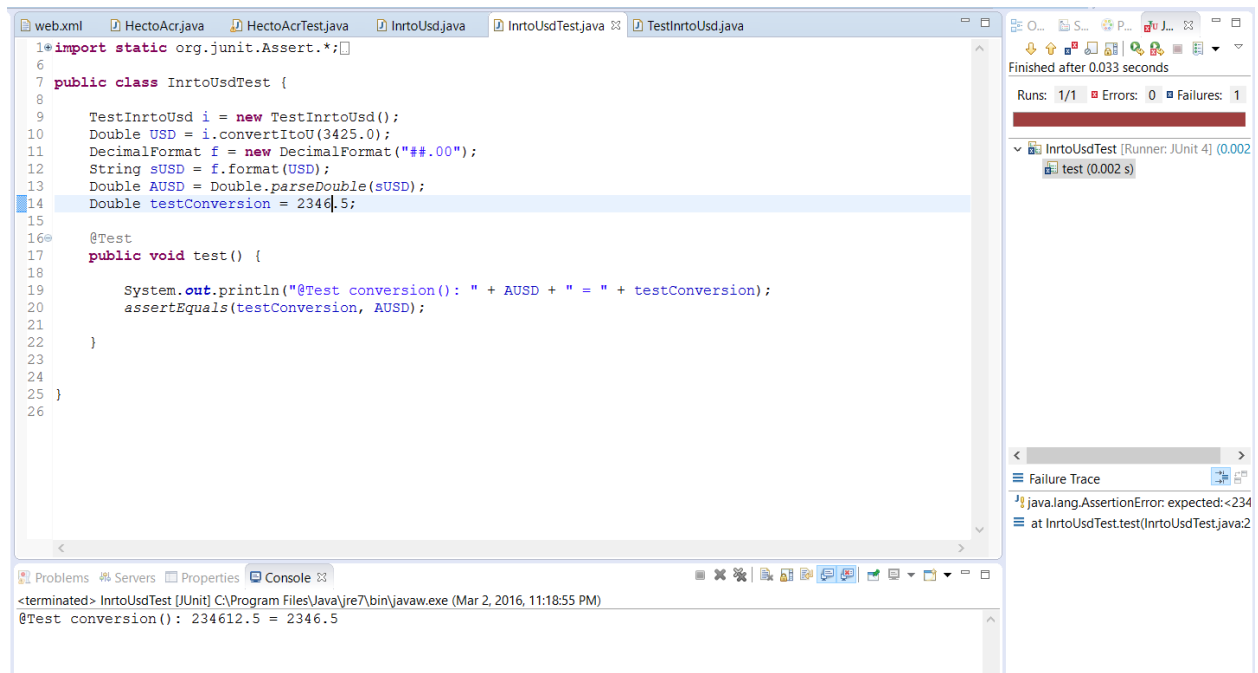
3. Screenshot for the code INR to USD conversion when run on web



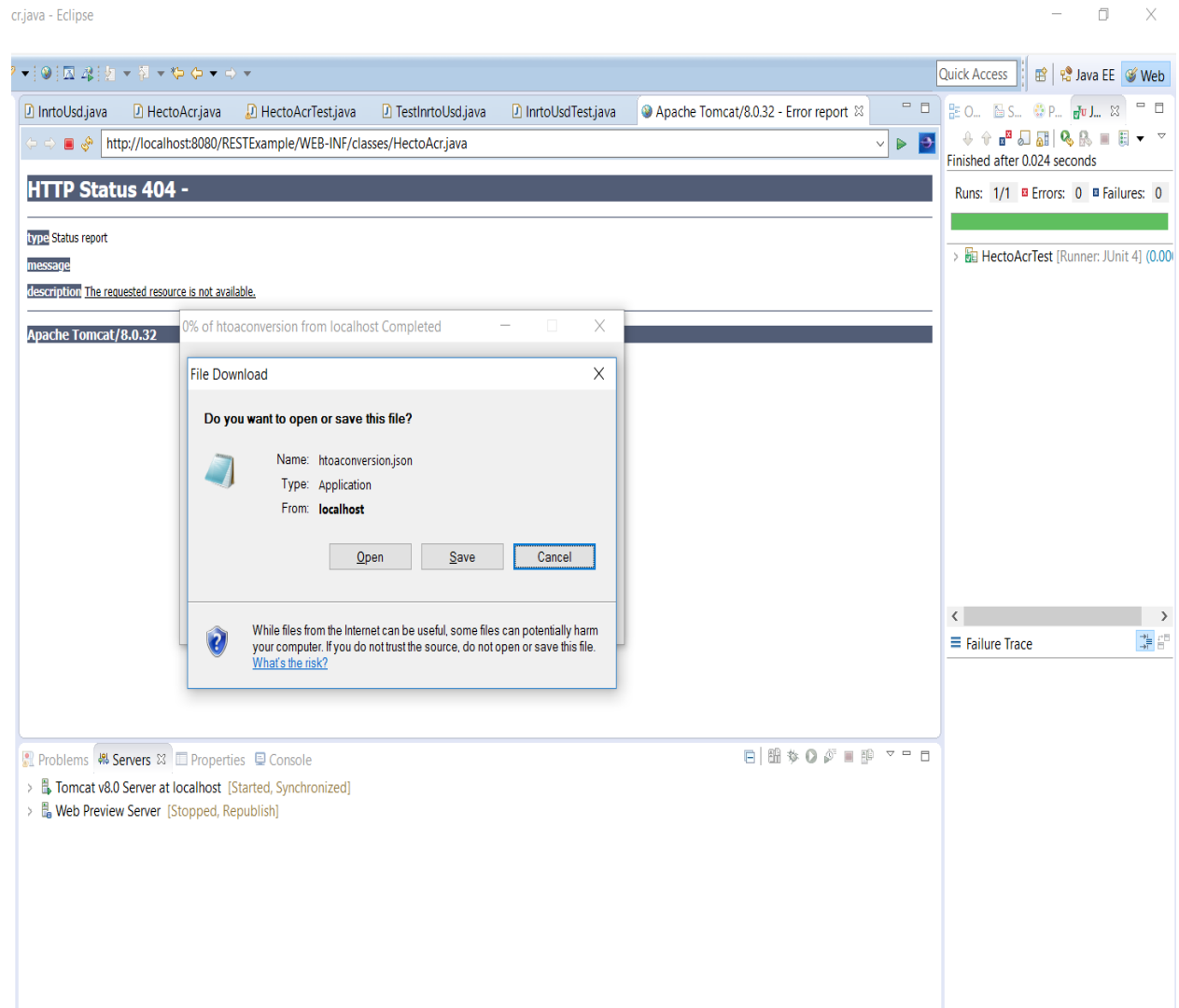
4. Screenshot for Junit Test Case for INR to USD conversion, when the test case is true



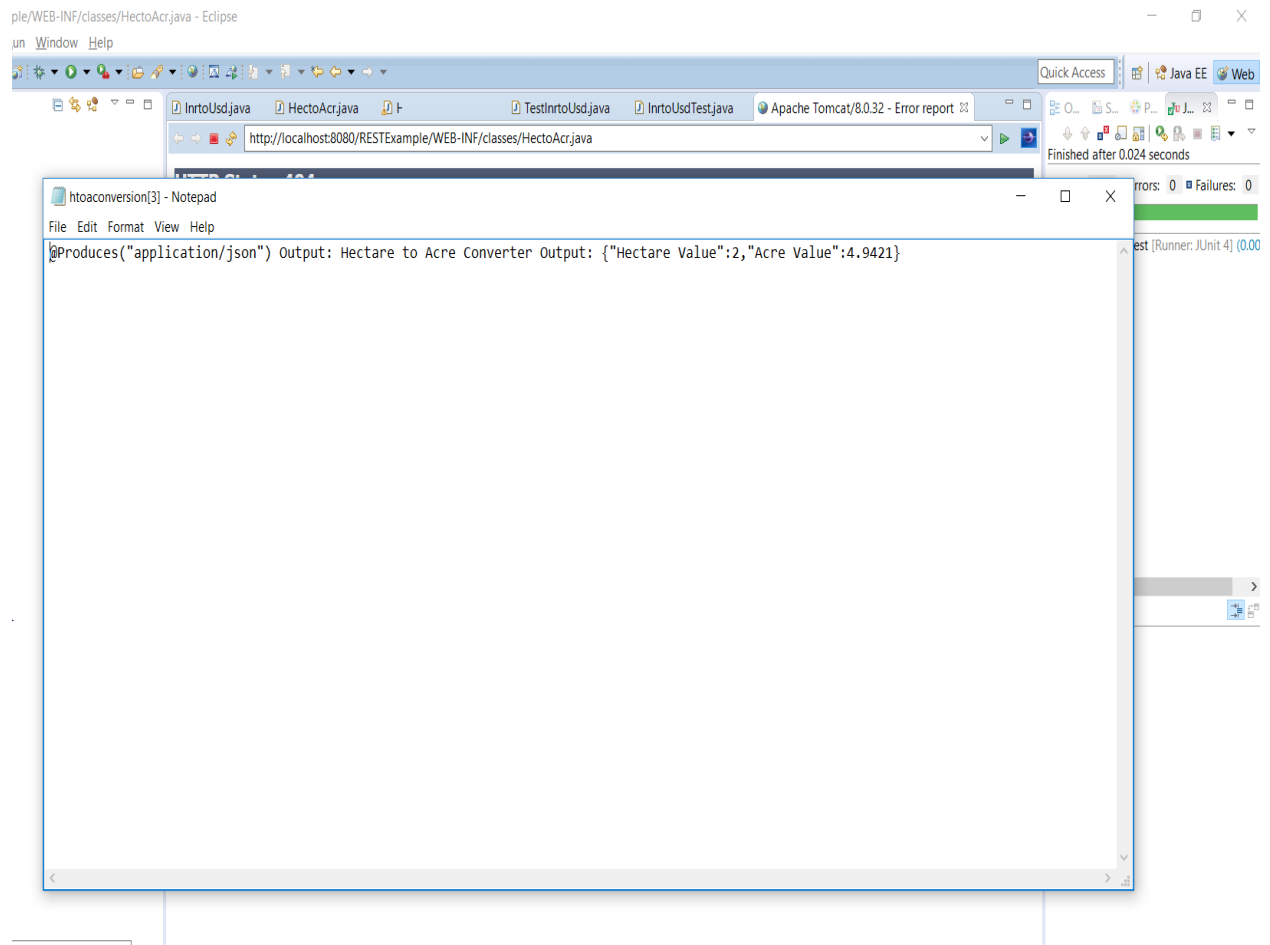
5. Screenshot for Junit Test Case for INR to USD conversion, for the failed test case



6. Screenshot for the code Hectares to Acre conversion, which is in json format, where it asks whether to save or open or cancel the file, as the output gets saved into the text file.



7. After clicking on open in the above screenshot, the output is saved to a text file



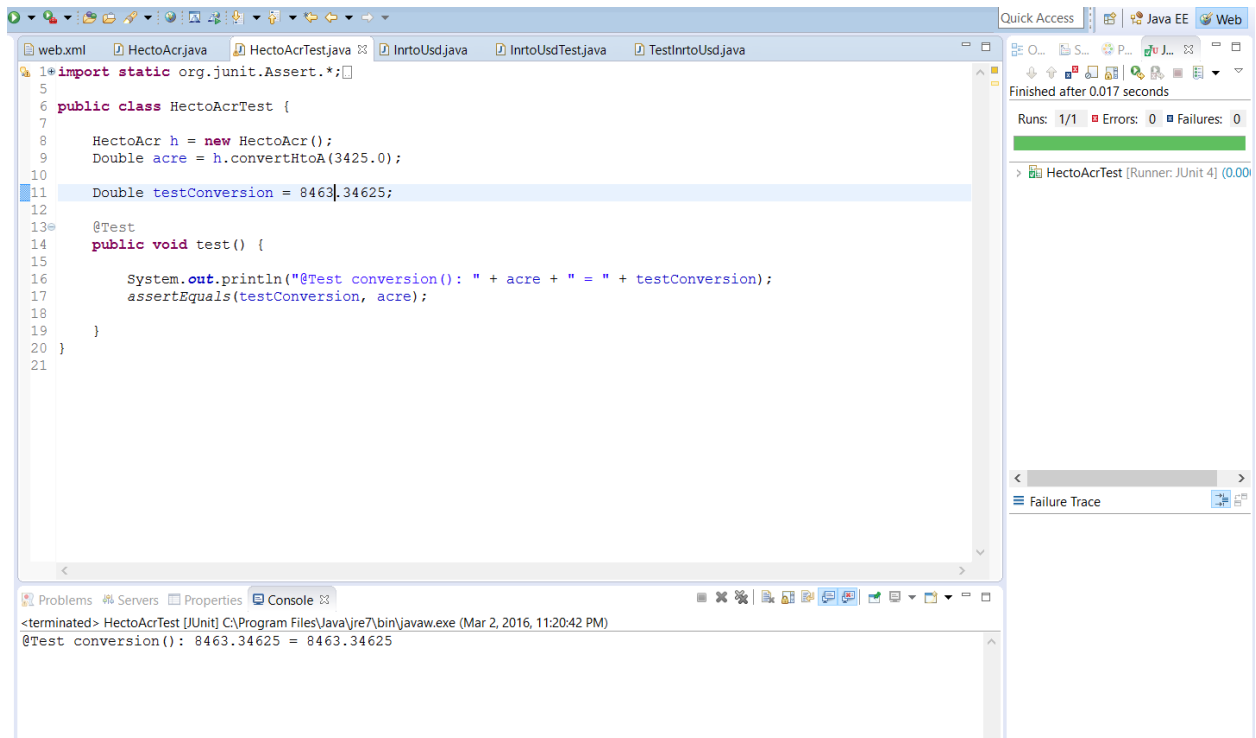
A screenshot of the Eclipse IDE interface. The top toolbar shows various icons for development tools. Below it, several Java files are open in tabs: InrtoUsd.java, HectoAcr.java, HectoAcrTest.java, TestInrtoUsd.java, InrtoUsdTest.java, and HTTP 404 Not Found. The address bar displays the URL http://localhost:8080/RESTExample/labassignment/htoaconversion/25.0. A Notepad window titled "htoaconversion[1] - Notepad" is overlaid on the IDE, displaying the JSON output from a REST client call: @Produces("application/json") Output: Hectare to Acre Converter Output: {"Hectare Value":25,"Acre Value":61.77625}. On the right side, a snippet of test results is visible, showing "Finished after 0.024 seconds" and "Errors: 0 Failures: 0".

localhost:8080/RESTExample/labassignment/htoaconversion

Hectare to Acre Converter Output:

```
{"Hectare Value":2,"Acre Value":4.9421}
```

10. Screenshot for JUnit test case for hectare to acre conversion when the test case is true



11. Screenshot for JUnit test case for hectare to acre conversion when the test case is failed

