Attenti Task Selenium :

**I run the tests on MAC operation system**

**On Intellij**

In Src folder there are 3 packages and 1 java class ,

First Package is Constant that contains:

1. Weather URL
2. Metric-conversions URL
3. The API that return the temperate .

Second Package is GeneralMethods that contains all the generic method that I use in the infra ,

To help me write my tests ,

Like : send value to input by id or by Xpath , methods that click buttons ,

Methods that calculate meters to feet’s , calculate Ounces to grams , calculate Celsius to Fahrenheit , methods that checks the results between expected result and actual result ,

Method that send the GET http Method to the specific API , methods that return the write format that exist in the metric-conversions after convert some values .

Third Package is SeleniumTests that contains all the tests that I write ,

It Is contains 3 java classes ,

1. java class is APITemperature , one test check the result from the weather.com and the result from the API . I used the help methods that exist in GeneralMethods
2. java class is CelsiusToFahrenheit that contains all the tests that convert Celsius to Fahrenheit . in this tests I write tests to check the values with the Table Button and convert button . I used the help methods that exist in GeneralMethods
3. java class is MetersToFeets that contains all the tests that convert Meters to feets , I used the help methods that exist in GeneralMethods
4. java class is OuncesToGrams that contains all the tests that convert OuncesToGrams , I used the help methods that exist in GeneralMethods

In CelsiusToFahrenheit ,MetersToFeets and OuncesToGrams classes I check the legal values the expected value should equals to actual values , and I check the illegal values like++++ , ---- .

And the Main java class here I have the invokeBrowser method that open the specific url ,

In the main method I call the method in the GeneralMethods that returns the temp from the API , and I create new instance from all the classes (that contains the tests) ,

And I call the method that runs the tests in every each class .