**1- Please automate Task1/Task2 using Selenium/Java.  
2- Write down as many test cases as possible for the below scenarios.**The automated tests should run in a browser resolution of 1024x768px

The tests should utilize best practice coding standards for maintainability, be aware of design patterns in your solution

The submitted code should be on GitHub.

An advantage when using data driven scenarios.

**Task1:**

Scenario 1:

* Open amazon link “https://www.amazon.com/” then type " car accessories"
* Select the first Item
* Add item to the cart
* Go to the cart and check that item is added successfully

Scenario 2:

* Open today's deals
* from the left side filters select "Headphones" and "grocery"
* from the discount part choose "10% off or more"
* go to the fourth page then select any item and add it to the cart

**Task 2:**

* Open this website: “https://ksrtc.in/oprs-web/guest/home.do?h=1”
* Choose the following ((from "CHIKKAMAGALURU" to "BENGALURU”)) from the popular routes
* Choose the arrival date only
* Click “Search for bus”
* Select a seat
* Choose the boarding point and dropping point
* Fill the “Customer” and “Passenger” details (Note: you can use this phone number: 6789125987)
* Click on “make payment” and fill all the fields without submitting the payment

**Task3: Python**

Load the data inside the provided CSV file into a Data Frame and perform the following:

1- Remove any duplicates in the table

2- Remove any decimal places in the Age column

3- Convert the USD salary to EGP

4- Print in the console some stats like:

- Average age

- Median Salaries

- Ration between males and female employees

5- After performing the previous steps, write the data in a new CSV file