Name: Puneeth Puligundla   Reg No.: 17BCE0503

Email: puligundlapuneeth@gmail.com

1. You need to write as many test cases as possible for a simple software program which computes the eligible discount for a customer. Try to describe all possible scenarios in a tabular format. Do not worry about 'login' kind of test cases, and just focus on how you will validate discount calculation. These are the rules.

Sol) According to the given situation the **Decision Table Testing** can be best used for testing various test cases.

⇨ **Divide into subcategories**

Considering categories given in the description they can be categorized into the below categories

- ➢ New customers with coupon

- ➢ New customers without a coupon

- ➢ Existing customers with a loyalty card and no coupon

- ➢ Existing customers without a loyalty card and no coupon

- ➢ Existing customers with a loyalty card and Coupon

- ➢ Existing customers without loyalty and with a coupon

We can ignore the case of case of new customer having a loyal

⇨ Construction of Decision Table

Customer ⟍ Discount	New Customer, No Coupon	New Customers without coupon	Existing Customer with loyalty card and no coupon	Existing customers without loyalty card and no coupon	Existing Customers with loyalty card and with a coupon	Existing Customers without loyalty card and with a coupon
15%	X					
10%			X		X	
20%		X			X	X
No Discount				X		

2.

Sol) In this contention the creator reasons that the disappointment of Jenny's beauty parlour at the new place portends a fate with wrong choice. However, Ronnie's Auto Repair business a getting along admirably at the older place of Jenny's Beauty parlour. The line of thinking is that in light of the fact that the working an alternate (Like Ronnie does Auto repair and Jenny runs the beauty parlour).

At Jenny's new beauty parlour place there would be less individuals who often would visit the salon like young lady students etc. But, In the previous spot there were many customers visiting the parlour. From this we can say that Jenny's thought of expecting a huge business at the new place has gone in vain and it would remain a mistake that she would regret. Ronnie made use of the opportunity and has taken complete advantage of it.

From this we can conclude that the author has mentioned various reason for Jenny shifting to a new place and her thoughts over the idea at the time of decision making would help us understand the situation better.

3.

How will you test a wireless mouse? What are the different things you will test and check before you can say that it is a good quality wireless mouse?

Ans)

1. Check if the mouse is charged or requires batteries for it to work properly.

2.Check the connectivity. Mostly wireless mice are Bluetooth connected, hence check if the mouse makes the stable Bluetooth with a desktop or laptop or any other connected device.

3.Check if turned-on, the device is showing an indication symbolizing the working condition of the mouse and also the state of battery in the mouse.

4. Check if the buttons on the mouse are working fine and are performing the assigned tasks.

5. Check if the double click (Two-clicks of the left-mouse button) works fine or not.

6. Keep a note of this time required to perform a double click and also the time duration in-order to consider it as a double click or not.

7.How fast will the mouse drag the content on the screen.

8.Keep a track of battery changes for 3 cycles to determine how long will battery charge work for the mouse.

9. Check and verify the acceleration of the mouse pointer.

10.Check the click per minutes in the mouse.

11.Check if the mouse is designed for routine use or for special activities like gaming and so on.

12.Functions for each key in mouse are needed to be checked every time check every time.

10.Speeds of the mouse need to be checked on different surfaces.

11.Dimensions of the mouse need to be adjusted to the average case of different personalities.

12.Software Settings need to checked and updated time to time.

13. Drivers need to be up to date for the smooth functioning of the device.