

**Q1-Test Case designing for software program which computes the eligible discount for a customer:**

Requirement:	Prerequisite:	Scenario:	Test case:	Objective:			
Software program Which computes the eligible discount for the customers.	We are assuming that there are no login issue and customer has been logged in into the program.	There is a new customer within the system.	Verify or ask the customer if they are willing to sign up for a new loyalty card or not.	Yes: Give a discount of 15% on their purchase on that day.		No: No 15% loyalty card discount should be allotted.	
		If particular person’s login name already exists within the system.	Verify for the case whether he/she is having a loyalty card and discount coupon or not.	Check availability of loyalty card and discount coupon.			
				Only loyalty card: Give a discount of 10% to the customer.	Only discount coupon: Assign a discount of 20% to customer.	Both loyalty card and discount coupon: Give both 10% and 20% discount to the customer.	Neither loyalty card nor discount coupon: Do not assign any discount to the customer.

## **Q2: Business Location Case Study:**

**Sol:** The above given article deals with the importance of location in business irrespective of the fact from which field it belongs to. As it's well evident from the given article that Ronnie's Auto Repair is doing great at that particular location(as he is planning to open another big shop) and Jenn's Beauty Parlour was also earning better at that location , so by analyzing the above given situation we can make some assumptions regarding the fact that particular location is providing some positional advantages to any kind of business. However, from article we can assume that the location provides:

- 1. Easy access for the customers.**
- 2. The particular location is increasing the brand/business visibility.**
- 3. Well established connections with suppliers and many more.**

### **Questionable Assumptions:**

- As it is well evident from the paragraph that Jenn is only considering the location factor ignoring the other important factors which also plays a major role in success of any kind of business, some of them are like:
  - . Innovative ideas in business.
  - . Personal talent of a person or team.
  - . Individual/ team own network.
  - . Hard Work and Dedication.

So, from the above given factors it can be assumed that Ronnie might be doing better in these fields as compared to Jenn, that's why he may be earning more profit as compared to Jenn.

- As given in the situation, Jenn decided to change the business location within one year of time just by assuming that location is providing positional disadvantage and decided to change the location of Parlour ignoring the importance and power of patience in business.
- At last , both Ronnie and Jenn are working in different field of business , so just by comparing two of them and making assumptions on that basis , will not produce the prefect analysis of the situation.

### **Evidence and statement that would strengthen the argument:**

- 1.If it was given that both Jenn and Ronnie are putting the same effort and showing the same dedication then the comparison and assumptions based on location thats would be produced would be better.**
- 2. If comparing the location role in business, comparison of Jenn Beauty Palace should be done with any beauty palace at some other location (for that particular year) and Ronnie's business should get compared like the same way , for better analysis and evaluation of conclusion.**

**Q3: Things needed to test to check the quality of wireless mouse?**

**Sol:** As , we all know that , we are living in the world of evolving technology and this technology in the field of computer science is changing at a fast pace. So, this changing technology has provided with a new hardware “Wireless-Computer Mouse”. The things that should be kept in mind before buying a wireless mouse are:

**1.Range:**

A wireless mouse with better range is always considered as a better option to work with . As a wireless mouse connect to our computer through USB or Bluetooth , therefore always choosing a mouse with better range will allow a user to sit at a distance and operating our computer system through it.

**2.Compatible:**

It is always mandatory to choose a mouse that is compatible with all kind of operating systems like Windows , Ubuntu , Mac etc.

**3.Comfort:**

Always choosing a mouse which is more comfortable to our fingers , is always recommended for those who have long working hours.

**4.Design:**

Checking the design of a particular wireless mouse is also very important and presence of finger-grip within the mouse design as it allows to rest our palm easily over the mouse.

**5. Battery:**

To test for how many days a particular battery of a wireless mouse can power the mouse can also provide a good quality check on the “wireless-type” mouse.

**6. Weight:**

The weight of a wireless mouse always plays a vital role in determining its quality , if you are having long working hours at your office or any other institution then , lightweight mouse is always preferred to that of heavyweight ones.

