

# Leadsquared QA Test

Submitted By:

**Gautham Prasath SV**

Vellore Institute of Technology, Vellore

College Roll No: 17BCI0014

Mail Id: gauthamprasath888@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.

If the customer is new, and they are willing to sign up for a new loyalty card, they get a 15% discount on all their purchases on the day. Second if they are an existing customer and hold a loyalty card, they get a 10% discount. Third, if they have a discount coupon, they will get 20% off which cannot be used with the new customer discount but can be used with loyalty card discount. Discount amounts are added, if applicable.

Ans:

The possible test cases for the given scenario are:

**Test Case 1:** The customer is new and willing to sign up for the loyalty card and also have a coupon.

**Test Case 2:** The customer is new and willing to sign up for the loyalty card with no coupon.

**Test Case 3:** The customer is new and not willing to sign up for the loyalty card but have a coupon.

**Test Case 4:** The customer is new and not willing to sign up for the loyalty card with no coupon.

**Test Case 5:** Already existing customer with the loyalty card and have a coupon.

**Test Case 6:** Already existing customer with the loyalty card but does not have a coupon.

**Test Case 7:** Already existing customer without the loyalty card but have a coupon.

**Test Case 8:** Already existing customer without the loyalty card and does not have a coupon.

**Table:**

	10% Discount	15% Discount	20% Discount	No Discount
Test Case 1			Applicable	
Test Case 2		Applicable		
Test Case 3			Applicable	
Test Case 4				Applicable
Test Case 5	Applicable		Applicable	
Test Case 6	Applicable			
Test Case 7			Applicable	
Test Case 8				Applicable

2. The following appeared as part of an article in the business section of a local newspaper: “Ronnie’s Auto Repair Shop commenced business four months ago at the location formerly occupied by the Jenny’s Beauty Parlour. Ronnie’s Auto must be doing well at this location, because it intends to open a big shop in an adjacent town. Jenny’s, on the other hand, has seen a lower volume of business in its first year at its new location compared to the prior year at its former location. Jenny’s definitely erred in shifting to its new location; its former location is a better site.”

Discuss how well reasoned you find this argument. In your discussion be sure to analyse the line of reasoning and the use of evidence in the argument. For example, you may need to consider what questionable assumptions underlie the thinking and what alternative explanations or counterexamples might weaken the conclusion. You can also discuss what sort of evidence would strengthen or refute the argument, what changes in the argument would make it more logically sound, and what, if anything, would help you better evaluate its conclusion.

Ans:

**Truth Statements/ Evidence from the given scenario:**

1. Ronnie commenced auto business 4 month ago
2. Ronnie shop is at location used previously by Jenny
3. Ronnie intends to open big shop in adjustment town
4. Jenny saw low volume of business on first year in new location compared to previous year.

**Assumptions from the given scenario:**

1. Ronnie did well since they intend to open new shop in adjacent town.
2. Jenny erred since her shifting led to lower income that previous location.
3. Former location is better site for Jenny.

**Reasons and Assumptions to support the argument:**

1. Ronnie might be doing well, so he decides to expand his business by opening show in adjacent town. Opening shop in adjacent town makes his business more

connected as they are nearby and also making him to provide service more efficiently.

2. Jenny's beauty parlour went down because, the location of her new shop may not be a hotspot or as she moved in new, there may be already other shops competing her and have a better brand name than Jenny's.

**Conclusion:**

Ronnie's business might be doing good so he intends to open a new shop in the nearby town which can be easy for him to manage and run both the shops more efficiently. And also having shop in nearby town can make his shop a brand in that region. Jenny's business went down as she moved to new location. Reasons could be that, the new location may not be a hotspot or there may be already a brand better than Jenny's. She was there for one year, and still the business is down so we can conclude that her parlour is not doing well and there was no improvement made by Jenny. Jenny can't move back to her old location also. She can improve her business by verifying that her location is a hotspot and have better improvements on her service.

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. First, I will check whether all the buttons including the scroller are working well.
2. Will check the size, and the comfort while holding the mouse.
3. I will verify the smoothness in clicking the buttons.
4. Will check the pressure required to press the buttons (Moderate pressure would be good).
5. Will check the sensitivity of the mouse in major surfaces.
6. As it's a wireless mouse the connectivity range should be checked.

7. As it's a wireless mouse check whether the mouse is plug-and-play or any additional software needed to be installed to setup the mouse in wireless mode.
8. As it's a wireless mouse the battery life of the wireless mouse should be checked.
9. Will check speed and acceleration of the mouse pointer.
10. Check the noise/sound emitted when a button is clicked.
11. As it's a wireless mouse, check whether there is any inference from other electric devices which emits signal.

These are the major checkpoints which are needed to determine a good quality wireless mouse.

A wireless mouse can be concluded as good quality, if all the buttons including the scroll bar are working well, if the mouse is comfortable to hold with accurate size, if the buttons are smooth to press and it takes satisfied pressure to click the buttons, if the sensitivity of the mouse is accurate, if the mouse works well in major surface areas, if the connectivity of the mouse works good with necessary distance with good battery life, if plug-and-play option is available, if the speed and acceleration of the mouse is good, if the button clicks are inaudible, and there are no inference/ disturbance from other electrical devices which emits signal.

---

Thank You