

Leadsquared

QA test

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.

Test cases:

S No	Test Case	Expected outcome(Discount)
1	If the customer is new and ready to sign up for loyalty card	15%
2	If the customer is new but not ready to sign up for loyalty card	Not eligible for discount
3	If the customer already holds a loyalty card	10% discount
4	If a customer has a Discount coupon but do not have a loyalty card	Not eligible for discount
5	If a customer has a Discount coupon but do not have a loyalty card but is ready to sign up for loyalty card	Not eligible for discount
6	If a customer has a Discount coupon but do not have a loyalty card and not ready to sign up for loyalty card	Not eligible for discount
7	If a customer has a Discount coupon and also holds loyalty card	20%
8	If the customer is new and do not hold any loyalty card	Not eligible for discount

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)

This argument does not contain proper figures to analyse how much growth did Ronnie’s shop did in last four years or how much loss did Jenny suffered. Also, it might be a possibility that there were no auto repair shops in town or there were so many beauty parlours in new location. Also, they had assumed that the auto repair shop “must” be doing good as it intends to open a big shop in an adjacent town, which doesn’t give a proof that shop is actually doing good in reality. There is not much information about Jenny’s shop i.e. is it big or small, why she left that location? Or did she did any kind of reduction or increment in business( eg. Employees, products etc.).

The new location of Jenny might have faced more competition than the previous location because in prior year shop was doing good which shows her services were good.

The new location might be a village or that part of the world where ladies usually do not prefer make up or touch ups frequently.

Auto repair shop might not have any or very less or less competition in town which leads to an increase in his career.

There might be more auto drivers in the town. (eg delhi)

As Ronnie’s shop is big shop which implies good and faster services as it is given that shop is doing good.

It also shows that the location is good for doing business.

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?

1. Connect with a laptop or desktop if the connection time is more = not good(after checking the hardware of my laptop or desktop).
2. Connect with a laptop or desktop and check by clicking on some icons on desktop, if the response time is more = not good
3. Check the dragging function of it, if it is stuck on screen or move slower than the touchpad or the response time is more = not good.
4. Check all the buttons on mouse, if they are not working properly = not good.
5. Also, the range of bluetooth must be sufficient else = not good.
6. Right click, left click etc should give respective response on clicking (on right click, right click features should be visible not left clicked features).
7. If battery dies frequently = not good.
8. The buttons or scroll wheels should not break after giving pressure (atmost pressure which an ideal mouse can handle) on it or while clicking.

Apart from these situation if situation arise like it is working rough then that is not the problem of mouse it can be corrected by placing mouse on a mouse pad. Or if the mouse gets hang then there are chances that the other hardware devices are not working properly.

So if none of the above points are checked after testing than it shows that the wireless mouse is of good quality.