LeadSquared

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.

\# New customers with coupon
\# New customers without a coupon
\# New customers with coupon
\# New customers without a coupon

	New Customers, With Loyalty Card, Without Coupon	New Customers, With Loyalty Card, With Coupon	New Customers, Without Loyalty Card, Without Coupon	New Customers, Without Loyalty Card, With Coupon
15%	Check			
10%				
20%		Check		Check
0%			Check	

\# Existing customers with a loyalty card and no coupon
\# Existing customers with a loyalty card and Coupon
\# Existing customers without loyalty card and no coupon
\# Existing customers without loyalty card and with a coupon

	Existing Customers, With Loyalty Card, Without Coupon	Existing Customers, With Loyalty Card, With Coupon	Existing Customers, Without Loyalty Card, Without Coupon	Existing Customers, Without Loyalty Card, With Coupon
15%				
10%	Check	Check		
20%		Check		Check
0%			Check	

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.

To Strengthen the Argument

- Location plays a huge role in attracting and retaining the best employees, many of whom keep a close eye on where they're based in order to optimize work-life balance.
- Good location decisions can significantly boost a company's long-term performance.
- Major city attracts large number of talented workers, hence better staff.
- Location and Amenity costs differ region to region.
- Major city attracts larger number of clienteles.
- If your business address is far away from your target audience, especially if you sell offline, prospects may find it difficult to locate you.
- Location and accessibility differ with location.
- The competition for the same service provided differs from region to region.
- The public requirement for a service also differs from region to region.
- Hence due to the above points it is entirely possible that Jenny might have relocated to a less suitable location respective to her previous location.

To Refute the Argument

- Due to Jenny moving to a new location the popularity factor is decreased, as in the local residents may not be as familiar with Jenny's shop as any other local shop and hence lower volume of business.
- Due to Jenny moving it might be that the shop lost many or some of its employees due to them not wanting to relocate as the shop location and hence finding employees during the first year of moving is difficult.
- Due to relocation the expenditure increases and hence business has to compensate it in other areas. i.e., salary, material for production, transport for the first few months.
- Ronnie opening another branch of the shop in another city does not conclude it doing better it might also be an attempt to gain more profit while the current shop profits are not up to the mark and the owner does not want to close the business.
- Jenny may not have been able to find a suitable and a satisfactory supplier for the products.
- Jenny may not have setup an effective transport for delivery of the product.
- Jenny may have been lacking in proper advertising of its products or about the shop relocation.

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?

Common Tests for all Type of Wireless Mouse

1. Check if all buttons as per manufacture diagram are present of not. (e.g., left and right click buttons, scroller, thumb buttons, gaming buttons, etc – if in manufacturing manual).
2. If applicable, check the ON and OFF switch for the mouse.
3. Check type of mouse (Radio Frequency Mouse or Bluetooth Mouse).
4. Check mouse connectivity range for the mouse to remain fully operational.
5. Verify if the left and right click buttons work as functioned to.
6. Check the pressure required for all given buttons.
7. Check if the double click works as expected.
8. Check if right click on icon or folder or object works as expected.
9. Check the time duration between 2 left clicks to consider it as a double click function.
10. Check scroller rigidity or ease of moving.
11. Check scroller speed on the screen.
12. Check the curser speed and acceleration.
13. Check the drag and drop functionality (left click and dragging the pointer).
14. Check the durability of the mouse body (material used).
15. Body part firmness to the allotted slot.
16. Check the measurements of the mouse.
17. Check weight of the mouse.
18. Check the grip of the mouse.
19. Check if the mouse works on all surfaces as claimed by manufacturer.
20. Check the battery life as claimed by the manufacturer.
21. Check the battery slots given in the mouse.
22. Check labelling on the mouse.

Tests for RF (Radio Frequency) Mouse

1. Check if USB dongle ids present or not.
2. Check dimensions of the dongle.
3. If applicable, check USB dongle slot on mouse.
4. Check if optical region working or not.
5. If applicable, check auto detect once USB is plugged in.

Tests for Bluetooth Mouse

1. If applicable, check the auto detect OS.
2. Check connection speed.
3. Check