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.

Answer: In the above question the output is different for different scenarios i.e., depending on the discount and a case of new customer or existing customer will make a difference in the output. I am using Decision table testing because the output varies depending on the given input.

First, I am categorizing the inputs, because there are different cases.
There are 6 categories of users in this situation:

1. New customers with coupon
2. New customers without a coupon
3. Existing customers with a loyalty card and no coupon
4. Existing customers without a loyalty card and no coupon
5. Existing customers with a loyalty card and Coupon
6. Existing customers without loyalty and with a coupon

Customer type / Discount	New Customers without coupon	New Customers with coupon	Existing Customer With loyality Card No coupon	Existing Customer with no Loyality Card and no coupon	Existing Customer with loyality card and Coupon	Existing customer with no Loyality card and with coupon
10%			X		X	
15%	X					
20%		X			X	X
No discount				X		

Now from each category, you can pick one value and test to see if the correct amount of discount is applied.
So now, we will need at least 6 customers or 6 test cases to test the case completely.

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 Parlor. 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 analyze 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.**

Answer: As mentioned in the question I don't agree, Jenny made a mistake shifting her beauty parlor to a new location leaving the prime location. The reason for shifting could be lower market or higher rent to be paid for the shop. One doesn't simply leave a good location. Since the jenny former location is better compared to the present location, the rental cost will be definitely higher. Since Jenny Beauty parlor is new to that area, it may take time for the public to know about the parlor. She doesn't need to get disappointed for shifting to new location leaving the prime location, she just needs to apply marketing skills like giving discounts to new customers and being friendly with the customers will definitely make her parlor succeed and famous. As it is said Rome isn't build in a day, Success takes a lot of hard work and dedication. Ronnie's Auto Repair shop is doing well may be because there may be market in that particular area for repairs. So finally, I conclude by saying that, we need to consider many points while talking about two different types of business, because we definitely don't know the demand for the particular work in an area and we should not just conclude that someone made a mistake without knowing their problems. It would make more sense if the demand for a particular work in a given area is mentioned.

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?

Answer:

There are several test cases for checking a good quality wireless mouse:

Test Cases based on physical parameters of the mouse:

1. Checking the size and material used for building the mouse as per requirements. Because a mouse made of soft plastic cannot withstand for many days.
2. Checking whether the mouse is having scroll button and is working properly.

3. Checking whether the mouse has left and right buttons and are in perfect condition.
4. Checking the size of mouse, whether it is suitable for the work culture of the person. For example, A person who play games need a smooth and big mouse for easy accessibility.

Test Cases based on logical parameters of the mouse:

1. Checking the latency of the mouse pointer. If there is an often delay between the user's mouse click and the operation performed, it irritates the end user.
2. Checking the speed of the mouse pointer.
3. Checking whether the system is detecting the Bluetooth usb plugin of the wireless mouse.
4. Checking whether the mouse operations are properly working.
5. Checking whether the pages are moving up and down, when the user performs scroll operations.
6. Verifying the functionality of mouse in different surface.
7. Checking that mouse pointer visible on screen or not when mouse connect with system successfully.
8. Verifying that cursor icon gets normal or not when user move the cursor from the object.