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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.

Price	Customer type	Have loyalty card or willing to have loyalty card	Have Coupon	Discount
Rs.1000	New	Yes	Yes	Rs.150
Rs.100	New	No	Yes	Rs.0
Rs.500	New	Yes	No	Rs.75
Rs.800	New	No	No	Rs.0
Rs.700	Existing	Yes	Yes	Rs.210
Rs.900	Existing	No	Yes	Rs.180
Rs.1200	Existing	Yes	No	Rs.120
Rs.1500	Existing	No	No	Rs.0

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.

A.)

I partially agree with the conclusion stated above. If the population of men/women to whom the beauty parlour was given it will be more helpful to made the conclusion strong. As it is one of the main factors must take into consideration if you were opening a beauty parlour in a new location. Also, it will be clearer if the reason why Jenny was interested in changing the location was mentioned. I somehow agree with the given conclusion as changing the location of shop even though it was going well was not always a good move

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?

Bluetooth or RF check: If it is Bluetooth based mouse check the connectivity of mouse with the System/PC.

If it is RF based check whether USB is working properly or not.

Durability Check: Check the durability of mouse buttons and scroller.

DPI Check: Generally Dots Per Inch(DPI) represents how far the mouse will move for every move that the mouse moves. For a better mouse we must make sure that it should have low DPI which is very convenient for the user.

Polling rate: This specification is measured in hertz, which indicates the number of times a mouse reports its position to the computer each second. High polling rate indicates better accuracy and smoother movement.

Laser working: Make sure that the laser was working properly or not