**Queston 1 :**

To create a decision table, we will have to partition our input into categories.

There are 6 categories of users in this situation:

* New customers with coupon
* New customers without a coupon
* Existing customers with a loyalty card and no coupon
* Existing customers without a loyalty card and no coupon
* Existing customers with a loyalty card and Coupon
* Existing customers without loyalty and with a coupon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Type of customers  Discount | New customers,  No coupons | New customers with coupons | Existing customers with loyalty card, no coupon | Existing customers without loyalty card, no coupon | Existing customers with loyalty and coupon | Existing customers without loyalty with a coupon |
| 15% | **x** |  |  |  |  |  |
| 10% |  |  | **x** |  | **x** |  |
| 20% |  | **x** |  |  | **x** | **x** |
| No discount |  |  |  | **x** |  |  |

**Question 2 :**

The argument stated here is quite questionable according to me, there are a lot of point or references which needed to be studied when we talk about how good a business is doing. For example in the argument it is stated Jenny’s definitely erred in shifting to its new location; its former location is a better site. This statement is not completely true according to me because let’s say the services provided at jenny’s might not be that good or it has not been functioning with a definite plan or maybe they are not focusing on a proper marketing strategy for this new place that they have shifted to. It is also possible that jenny’s had a permanent set of audience at this old place who find it difficult to turn out to reach this new place. It is a possibility because of that jenny’s place is finding it difficult to get clients or had that previous kind of a successful business model. Whereas when we talk about ronnie’s his business is showing great volume at this location he occupied four months ago but same goes for him. It is a possibility that he had a new approach of running this business which he didn’t followed before that’s why more number of customers turned up at this new venue for him. There are other factors too like these two are a different kind of business owning to the market share. Both the businesses works in different demand so making a comparision is not justice to them. But to make these argument more supportable other factors like their financial capacities, loyal customers, marketing strategies. Is points like this would have mentioned in the given argument the statement would have given a better clarity of the positioning and standings of both these businesses.

**Question 3:**

The following are the list of test cases which I will use to verify if the given mouse is a good quality wireless mouse.

1. Check if the mouse is an optical mouse or not.
2. Verify that left-click and right-click buttons are working fine.
3. Check if the double click is working fine.
4. Verify the time duration between two left clicks, in order to consider it as a double click.
5. Check if the scroller is present at the top or not.
6. Verify the speed of the mouse pointer.
7. Check the pressure required for clicking the mouse buttons.
8. Verify the acceleration of the mouse pointer.
9. Verify that clicking the button and dragging the mouse operation is working fine(drag and drop functionality).
10. Check the dimension of the mouse, if it’s suitable to grip and work.
11. Verify that the mouse works in all the allowed surfaces.
12. Check if the mouse is a wireless mouse or corded mouse.
13. Check the range up to which the mouse remains operational.
14. Check the battery requirement of the mouse.
15. Check if there is an option to switch on or off in the mouse.