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ITSE 1450

Module 5 Project 4

When a customer decides to purchase a large coffee, several conditions can influence the actions taken by the establishment. If the customer presents a loyalty card, a 10% discount is applied to their purchase. However, if it happens to be the customer's birthday, they not only receive the loyalty card benefit but are also entitled to an upgrade to the next coffee size at no extra cost. In addition to the upgrade, the birthday celebrant is presented with a free pastry as a gesture of appreciation. On the other hand, in the absence of both a loyalty card and it being the customer's special day, no specific offers or promotions are provided to the customer.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Conditions** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| Purchased large coffee? | Yes | Yes | Yes | Yes | No | No | No | No |
| Has a loyalty card? | Yes | Yes | No | No | Yes | Yes | No | No |
| Birthday? | Yes | No | Yes | No | Yes | No | Yes | No |
| **Actions** |  |  |  |  |  |  |  |  |
| Give 10% discount | Yes | Yes | - | - | - | - | - | - |
| Upgrade to next size for free | Yes | - | Yes | - | - | - | - | - |
| Offer a free pastry | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - |
| No special offers | - | - | - | - | - | - | - | Yes |