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**Al-Isra University**

**Faculty of IT**

**Department of Computer Science**

**جــامـعـة الإسراء**

**كـليـة تكـنولوجيـا المعلومـات**

**قـســم هندسة البرمجيات**

|  |  |  |
| --- | --- | --- |
| **Department:**  SE | **Assignment:**  **#1** | **Submission Deadline:**  **15/12/2023** |
| **Semester:**  First | **Year**:  2023/2024 | **Instructor**  Dr. Dimah Fraihat |
| **Course No.:** | **Course Name:**  Software Testing | **Section:**  1 |
| **Student No.:**  **AD0039** | **Student Name:**  **فراس سمير رمضان سليم** | **Submission date:**  **03/12/2023** |

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| --- | --- | --- |
| Question No. | Mark | |
| Max | Score |
| 1 | **5** |  |
| **Total Mark** |  |  |

**Note: 1- Copy and paste are prohibited**

Represent the following process using decision table.

A company follows the following sales promotion policy:

* Preferred customers who order more than 1000 USD are entitled to a 5% discount, and an additional 5% discount if they used our charge card.
* Preferred customers who do not order more than 1000 USD receive an 25$ bonus.
* All other customers receive a 5$ bonus coupon.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Condition | Conditions/Courses of Action | Rules | | | | |
| 1 | 2 | 3 | 4 |
| Customer Type | Preferred | Preferred | Preferred | Other |
| Order Amount | >1000 USD | >1000 USD | <=1000 USD | No |
| Payment Method | Charge Card | Other | No | No |
|  | | | | | |
| Action | Discount 10% | X |  |  |  |
| Discount 5% |  | X |  |  |
| Bonus 25$ |  | X | X |  |
| Bonus 5$ |  |  |  | X |