

Exercise 5.

Apply the equivalence partitioning black box technique to obtain the test cases for a program which updates the price of product and receives as an input the following:

- Product-code: a field of 5 chars, which can be any combination of letters or numbers
- Sale-percentage: a positive double field minor or equal to 100.
- Responsible: the code of the employee who decide that the product is on sale. It is an alphanumeric field, with 6 char. The first char can be M, G or A, considering the category of the employee. The following 4 should be numbers.

The possible exits are:

1. When the product code is incorrect
2. When the sale-percentage is incorrect
3. When the responsible code is incorrect
4. When the product-code is successfully updated.
5. If the product is successfully updated but the sale-percentage is greater than 50.

NOTE: In the database of the company it is possible to find a product with the code 'F0001'

Provide the equivalence partitioning table with the input variable, valid classes, invalid classes and heuristic applied. Also, provide two tables the resulting with test cases, one for valid classes and another for the invalid ones.