Checkout Kata

Implement a solution for a checkout kata that follows the requirements below.

1. ***Given***I have selected to add an item to the basket ***Then*** the item should be added to the basket
2. ***Given*** items have been added to the basket Then the total cost of the basket should be calculated
3. ***Given*** I have added a multiple of 3 lots of item ‘B’ to the basket ***Then*** a promotion of ‘3 for 40’ should be applied to every multiple of 3 (see: *Grid 1*).
4. ***Given*** I have added a multiple of 2 lots of item ‘D’ to the basket ***Then*** a promotion of ‘25% off’ should be applied to every multiple of 2 (see: *Grid 1*).

*Grid 1*:

|  |  |  |
| --- | --- | --- |
| **Item SKU** | **Unit Price** | **Promotions** |
| A | 10 |  |
| B | 15 | 3 for 40 |
| C | 40 |  |
| D | 55 | 25% off for every 2 purchased together |

Items are priced individually. In addition, there are promotions which can affect the total price of the basket, for example, when 3 lots of item ‘D’ are added to the basket then a 25% deduction is applied to the total cost of 2 of those items. The pricing changes frequently, so pricing should be independent of the checkout.

## Guidance

* Please commit Kata to your own public GitHub repository
* Commit frequently to show approach taken
* Complete Kata in C#
* Demonstrate your understanding of good naming, coding, testing, and design practices
* We recommend you spend between 1-2 hours on this solution - Kata does not have to be complete