

Happy Hour

Description

Many restaurants and bars around the world have times where they serve food and drinks at discounted prices. Sometimes these are called “Happy Hour”. In this kata, we’re going to write the program that calculates a customer’s bill and factors in happy hour. This programming exercise is not very strict, so you can hard-code menu items if you want. Just write the code well!

Requirements

Your code needs to print out:

- Customer name and the exact date and time of the order.
- Each item the customer ordered (including the price)
- Any discount applied to one or more items.
- The total of all of the items including any discounts.

Discounts

- “BOGO Pizza” - Pizza is buy one get one free on Thursdays.
- “Half off Beer HH” - all beer purchased Monday-Thursday after 6PM is half off.

Sample Output

Customer	Brendan Enrick
Order Time	2015-01-05 22:49
Medium Pizza	\$20
Beer 6 Pack	\$10
Half off Beer HH	-\$5
Total	\$25

Extra Credit

- If you buy both pizza and beer, you save 10% on your entire order. (Must be only discount.)
- Preferred members get \$3 off all pizzas. (Valid with other discounts)
 - Match based on the customer name.

Provided by:

Source: Brendan Enrick 2015-01-05