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Programming Project 1 Design Concept:

Objective: To calculate the price of bean burritos based on how much a user orders, AND applies a discount depending on how many the user orders.

1. Store the amount of bean burritos inputted by the user in a variable (beanBurrito)
2. Multiply the input by 1.99
3. If the number of bean burritos is less than 5, do not apply discount
4. If the number of bean burritos is more than 5 but less than 10, apply a 10% discount (multiply by 0.90)
5. If the number of bean burritos is more than 10, apply a 20% discount (multiply by 0.80)
6. If the number of bean burritos is over 50, end the program and print "Out of Stock"

If bean burrito is 2:

$$2 \times 1.99 = \mathbf{3.98}$$

Do not apply discount

If bean burrito is 6:

$$6 \times 1.99 = 11.94$$

$$11.94 \times 0.90 = \mathbf{10.77}$$

If bean burrito is 30:

$$30 \times 1.99 = 59.7$$

$$59.7 \times 0.80 = \mathbf{47.76}$$

If bean burrito is 59:

Print "**Out of Stock**"