

```

1  import java.util.Scanner;
2
3  public class Case4Angulo {
4      public static void main(String[] args) {
5
6          final float CAKE_PRICE = 350.75f; // ₱350.75 per cake
7          final float TAX_RATE = 0.12f; // tax rate 12%
8
9          Scanner scanner = new Scanner(System.in);
10
11         System.out.print("\nEnter the quantity of cakes: ");
12         byte quantity = scanner.nextByte();
13
14         // Calculate the subtotal, tax amount, and total cost
15         float subtotal = CAKE_PRICE * quantity;
16         float taxAmount = subtotal * TAX_RATE;
17         float totalCost = subtotal + taxAmount;
18
19         System.out.println("\nPrice per cake: " + CAKE_PRICE);
20         System.out.println("Quantity: " + quantity);
21         System.out.println("Subtotal: " + subtotal);
22         System.out.println("Tax amount: " + taxAmount);
23         System.out.println("Total Cost: " + totalCost);
24     }
25 }

```

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D:\0010\programming\java>javac Case4Angulo.java

D:\0010\programming\java>java Case4Angulo

Enter the quantity of cakes: 3

Price per cake: 350.75

Quantity: 3

Subtotal: 1052.25

Tax amount: 126.27

Total Cost: 1178.52

D:\0010\programming\java>