Assumptions

1.Assuming the price of the quantity of the item to be the final price.

2.Assuming the users input would be from any of the parameters defined from String food,book,medicine.

3.Assuming the format of the input as <quantity><item> at <price>

Hints

1.Predefining the inventory

2. Seeking input from user in specified format using scanner.

3. Breaking down the input to segregate the items, item\_type, item\_name and price in function segregate items

4. Identifiying the exempted category based on the item\_name extracted in step 3 using determine category function.

5. Calculating taxes based on item\_type and item\_category and returnng total price using calculateTaxes function.