Workshop: Finding Objects, then classes, then model

Problem
We need to develop a system to help inventory all existing tools and materials in a hardware store.
Contributing and solving an order dilemma to the owners of a hardware store, being able to offer their products effectively and efficiently.

Overview
A hardware store owner usually has to remember everything he has on stock, so he can go to search for it right after some ask for some tool or paint. So if they want to improve their lives, the is a need for some sort of upgrade on their daily life, and that can be a system that helps with inventory management.

Background

Inventory management tools are used in many different industries to control products and their quantities. In this project, we will create a simplified version of these tools. The basic requirements would be the following:

- Store the product name, quantity, price, a numeric ID and the category.

- Search products by price, ID or name.

- Quick summary of the current inventory, including the quantities of the different products ordered by category.

- Update the database dynamically when a product has run out or is removed from the system.

You can implement a graphical panel with tables and graphs indicating the number of different products, a notification system to warn you of the few units of a particular product, include

additional details such as the name of the manufacturer, shipping details, etc. for greater complexity.

Code	Description	Current Existence	Category	Value per unit
1357	Hammer	500	tool	7,5
2556	Cement	500	material	20
1469	Nails	200	tool	0,75
2458	Painting	150	material	12
1234	Drill	350	tool	35
2378	Tubes	200	material	2
1987	Brushes	1000	tool	3
2020	Plaster	600	material	5,5
1997	Screws	230	tool	1,5
1860	Focus	1200	tool	1,25