

A screenshot of a Windows desktop environment. The main window is a code editor (Visual Studio Code) displaying Python code for an inventory reordering system. The code defines a function `check_inventory` that iterates through a dictionary of product quantities. If a quantity is less than 15, it prints a reorder alert; otherwise, it prints a stock OK message. A sample input dictionary is provided, and the function is called with it. The terminal tab shows the execution of the script and its output, which includes alerts for Shampoo, Toothpaste, and Detergent, and OK messages for Soap and Shampoo.

```
C:\> Users\ dell > OneDrive > Desktop > Task 4 - Problem 2 Inventory Reorder Alert System .py ...  
1 def check_inventory(stock_data):  
2     for product, quantity in stock_data.items():  
3         if quantity < 15:  
4             print(product, "→ Reorder Alert")  
5         else:  
6             print(product, "→ Stock OK")  
7  
8     # Sample input  
9     inventory = {  
10        "Soap": 10,  
11        "Shampoo": 25,  
12        "Toothpaste": 12,  
13        "Detergent": 30  
14    }  
15  
16    check_inventory(inventory)  
17  
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS  
PS C:\Users\dell> & C:/Users/dell/AppData/Local/Programs/Python/Python314/python.exe "c:/Users/dell/OneDrive/Desktop/Task 4 - Problem 2 Inventory Reorder Alert System .py"  
Shampoo → Stock OK  
Toothpaste → Reorder Alert  
Detergent → Stock OK  
● PS C:\Users\dell> & C:/Users/dell/AppData/Local/Programs/Python/Python314/python.exe "c:/Users/dell/OneDrive/Desktop/Task 4 - Problem 2 Inventory Reorder Alert System .py"  
Soap → Reorder Alert  
Shampoo → Stock OK  
Toothpaste → Reorder Alert  
Detergent → Stock OK  
○ PS C:\Users\dell>  
Ln 17, Col 27 Spaces: 4 UTF-8 CRLF {} Python 3.14.0 19:25 18-02-2026
```