

THE TASK AT HAND

Let us assume that you work as a store manager for a Nike warehouse. As a store manager, you are responsible for managing the warehouse, and more importantly, performing stock-taking. To optimise your delivery time and for improved organisation, you have decided to use your Python knowledge to get an overview of what each stock-taking session entails.

Nike warehouses store the following information for each stock-taking list:

- Country
- Code
- Product
- Cost
- Quantity
- Value

Other store managers (in other regions) would like to be able to use your program to do the following:

- Search products by code.
- Determine the product with the lowest quantity and restock it.
- Determine the product with the highest quantity.
- Calculate the total value of each stock item. The total value is calculated by multiplying the cost by the quantity for each item entered into the system.