**Question:**

You are managing an inventory system for a warehouse. The inventory is represented as a list of nested lists, where each sublist contains information about an item, including its name (string), quantity in stock (integer), and price per item (float). Write a Python program to perform the following tasks:

* First, initialize the inventory list with the following data: **["Apples", 50, 1.2], ["Bananas", 30, 0.5], ["Oranges", 20, 0.8], and ["Mangoes", 10, 1.5].**
* Then, create a function named **update\_inventory(item\_name, quantity\_sold)** that takes the name of an item and the quantity sold as inputs. This function should decrease the quantity of the specified item in the inventory by the quantity sold. If the item is out of stock after the update, remove it from the inventory.
* Next, create another function named **generate\_report()** that calculates and displays the total revenue generated by selling all the items and lists all remaining items in stock along with their quantities and total value (**quantity × price**).
* Finally, write a loop that allows the user to repeatedly sell items by entering their name and quantity, and view the updated report after each transaction, until the user decides to quit.