## **#MAJOR PROJECT 1: INVENTORY MANAGEMENT**

## 1. Creating and displaying the product inventory:

# **Python Program:**

#### **Execution:**

## 2. Searching for a product from Inventory:

## Python program:

```
inventory_management.py > ...

# SEARCHING FOR DESIRED PRODUCT

reg_no = int(input("Enter Product Number to Search:"))

print('-'*35)

print(product[reg_no]['product_name'])

print(product[reg_no]['product_cat'])

print(product[reg_no]['qnt_in_stock'])

print(product[reg_no]['price_per_unit'])

print(product[reg_no]['expiry_date'])

print("-"*35)
```

## **Execution:**

```
Enter Product Number to Search:70805

Jaggery
Grocery
200
$9
04/24
```

## 3. Enabling User to add new products in Inventory:

## **Python Program:**

### **Execution:**

```
Enter Product number to add New Product:30909
Enter Product Name: T-shirt
Enter Product Category: Clothing
Enter Quantity in Stock: 45
Enter Price per Unit:69
Enter expiry date in (MM/YY) format:--
```

# 4. Displaying Updated Inventory:

## **Python Program:**

#### **Execution:**

# 5. Allowing user to delete products from Inventory:

## **Python Code with Execution:**

## **Summary:**

This Inventory management system is created using python programming. The program can be ran on any python supported IDE. Firstly the program displays all the products and their details that are already available in the inventory. The program allows user to search the product by entering product number (ID). The program also allows user to add new products into the inventory by adding product details as mentioned above in the report. Once user has provided all the required product details, the program then displays the updated inventory having the new product introduced by the user. User can also delete product details just by entering the product number.

#### NOTE:

In the project I myself have added 13 more products having different product number. But if I add screenshots of the code having all in total 15 products then the pages of this report would have been increased and hence showcasing the above amount of products only.