PHARMACY MANAGEMENT SYSTEM

**AIM-**To implement the operations of a pharmacy management system.  
  
**PROBLEM STATEMENT:**

* The program could be made more dynamic:
  + The data member date could be implemented automatically independent of user input
  + the payment system could be more refined
* The menu could hold a much vaster library of different types of medicines
* There could be a function to insert new medicines into the catalogue and update the system independent of user input
* Could be made more presentable and appealing to the user

**BRIEF DESCRIPTION OF THE PROJECTS:**

Some of the benefits of this code are:

* The amount of each medicine bought can easily be inputted and calculated
* The user can easily place an order
* The user can also easily modify an existing order and delete a previous order if for example a calculation error occurs or the customer requests a refund
* A print of the receipt can easily be made for the payments of bought goods
* Also, the final payment of various medicines is easily calculated
* The daily summary of the total sale can be easily calculated

**THE FUNCTIONALITY OF THE PROJECT:**

**The function of this program is to operate as a pharmacy management system performing various tasks to ensure the smooth operation of the business.**

**The major functions can further be divided into:**

* To take an order
* To delete an order
* To modify an order
* To display the order list
* To display the daily summary of orders
* To exit

**SOFTWARE USED:** C++ (VS code)  
  
**CLASSES USED IN THE PROGRAM:**

The data members of this program are:

* int receipt\_number
* string customerName
* string date
* int quantity[10]
* string type
* int x, menu2[10]
* double amount[10]
* string medicineName[10]
* double Medicine[10]
* double total

These data members are present in a series of nodes (a single node being one order).

**The member functions of this program are:**

* To take an order
* To delete an order
* To modify an order
* To display the order list
* To display the daily summary of orders
* To exit

**CONCLUSION:** Pharmacy management system was implemented successfully.