SHANTI ASIATIC SCHOOL

BEHIND RAF CAMP, NR. BALIYADEV TEMPLE, VASTRAL, AHMEDABAD, GUJARAT - 382418

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A PROJECT REPORT ON Mini Accounting & Inventory Management

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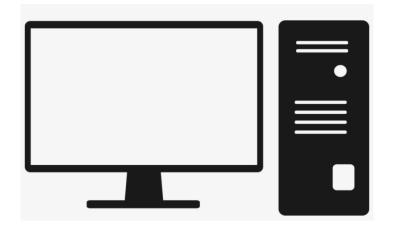
Class : XII

Subject : Computer Science

Subject Code: 083

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SHANTI ASIATIC SCHOOL, VASTRAL

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CERTIFICATE

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Roll No: _			has	suc	ccessfi	ully o	com	pleted	l the
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Jainil Jayswal

Class: XII

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INTRODUCTION

In the dynamic landscape of modern business, where agility and precision are paramount, the integration of advanced technological solutions becomes not just a choice but a necessity. This project marks a significant stride in meeting this demand, presenting the **Mini Accounting & Inventory Management Software**. Developed in Python with MySQL integration, this software emerges as a versatile tool, addressing the intricate needs of businesses in managing their financial and inventory affairs efficiently.

Background

The roots of this endeavour trace back to the challenges faced by businesses—particularly small and medium-sized enterprises (SMEs)—in balancing the intricacies of accounting and inventory management. Conventional methods often prove time-consuming, error-prone, and lack the agility required to adapt to the fast-paced business environment. Recognizing this gap, our project sets out to bridge it with an innovative and comprehensive software solution.

Objective & Scope of the Project

Objectives:

- 1. Develop a user-friendly accounting and inventory management system.
- 2. Enable seamless tracking and management of financial transactions.
- 3. Provide real-time visibility into inventory levels and transactions.
- 4. Streamline reporting for informed decision-making.

Scope

The project encompasses the development of a desktop-based application, offering a centralized platform for accounting and inventory management. Key features include transaction recording, financial reporting, inventory tracking, and user authentication.

Hardware Requirements

- A computer/laptop with Operating System-Windows 7 or above
- X86 64-bit CPU-Intel/AMD Architecture
- Processor: Dual-core processor or higher
- **RAM:** 4 GB or higher
- Storage: 5 GB of free disk space

Software Requirements

- Python 3.8.x or Higher Version
- MySQL
- MySQL Connector Python

MySQL Database Connection

Create a database in MySQL named "AI"

```
mysql> show databases
    ->;
 Database
 ai
 information_schema
 mysql
 performance_schema
 sys
5 rows in set (0.00 sec)
mysql> use AI;
Database changed
mysql> show tables
   -> ;
 Tables_in_ai
 cashbook
 itemname
 partyname
 payment
 production
 purchase
 receipt
 sales
8 rows in set (0.00 sec)
mysql>
```

MySQL Table

Table 1 - Cash Book

mysql> desc cashb +	oook;	+	+		++
Field	Туре	Null	Key	Default	Extra
DrDate DrParticulars DrAmount CrDate CrParticulars CrAmount	date varchar(30) int date varchar(30) int	YES YES YES YES YES		NULL NULL NULL NULL NULL	
++++++++					

Table 2 - Item Name

Table 3 - Party Name

mysql> desc	partyname;	.			
Field	Туре	Null	Key	Default	Extra
Party Address MobileNo	varchar(30) varchar(50) int	NO NO NO	PRI 	NULL NULL NULL	
+					

<u>Table 4 – Payment</u>

mysql> desc pa	ayment;	+	+	.	++
Field	Туре	Null	Key	Default	Extra
Date VCH_NO Party_Name Amount	date int varchar(30) int	NO NO NO NO		NULL NULL NULL NULL	
+					

<u>Table 5 – Production</u>

nysql> desc produc Field	tion; Type	+ Null	 Key	Default	+ Extra
date Item_consumed Qnt_consumed Unit_consumed Item_generated Qnt_generated Unit_generated	date varchar(30) int varchar(10) varchar(30) int varchar(10)	YES YES YES YES YES YES YES		NULL NULL NULL NULL NULL NULL NULL NULL	
Onit_generated Varchar(10) YES NOLL +					

Table 6 – Purchase

Field	Type	Null	Default	Extra
Date	date	NO	NULL	
VCH_NO	int	NO	NULL	
Party_Name	varchar(30)	NO	NULL	
Item_Name	varchar(30)	NO	NULL	
Quantity	int	NO	NULL	
Unit	varchar(10)	NO	NULL	
Price	int	NO	NULL	
Amount	int	NO	NULL	

$\underline{Table~7-Receipt}$

mysql> desc re + Field	eceipt; Type	+ Null	+ Key	Default	++ Extra
Date VCH_NO Party_Name Amount	date int varchar(30) int	NO NO NO NO	+ 	NULL NULL NULL NULL	
++++++++					

$\underline{Table~8-Sales}$

Field	Туре	Null	Key	Default	Extra
Date	date	NO		NULL	
VCH_NO	int	NO		NULL	
Party_Name	varchar(30)	NO	ĺĺ	NULL	
Item_Name	varchar(30)	NO		NULL	
Quantity	int	NO		NULL	
Unit	varchar(10)	NO		NULL	
Price	int	NO		NULL	
Amount	int	NO		NULL	

Features

1. Accounting Module:

- . Record financial transactions.
- . Generate financial reports.

2. Inventory Management:

- . Track product inventory in real-time.
- . Manage stock levels.

3. User Authentication:

. Secure access with user authentication.

4. Graphical User Interface (GUI):

. Intuitive and user-friendly design.

Source Code

AI.py

```
print("_
                              _Toh Kaise Hai APP Log!!!_
j='continue'
from accounting import accounting_call
from inventory import inventory_call
from masters import masters_call
         _____Mini Accounting & Inventory Management Software_
while j=='continue':
  print(" 1.Accounting
                                  2.Inventory
                                                        3.Masters
                                                                            4.Exit")
  ch=int(input("Choose An Option : "))
  if ch==1:
     accounting_call()
  elif ch==2:
    inventory_call()
  elif ch==3:
    masters_call()
  elif ch==4:
    j="."
  else:
     print("Please Enter Valid Choice!")
```

accounting.py

```
def accounting call():
  from sales import sales add, sales list
  from purchase import purchase add, purchase list
  from payment import payment add, payment list
  from receipt import receipt_add, receipt_list
  from ledger import ledger
  from cash book import cash book
  while True:
     print("1.Sales 2.Purchase 3.Payment 4.Receipt 5.Ledger 6.Cash Book 7.Back")
     ich = int(input("Enter Your choice : "))
     if ich == 1:
       while True:
          print("1.Add", "2.List", "3.Back", sep='\t')
          iich = int(input("Enter Your Choice : "))
          if iich == 1:
             sales add()
          elif iich == 2:
             sales list()
          elif iich == 3:
             break
          else:
             print("Enter Valid Choice!!")
     elif ich == 2:
       while True:
          print("1.Add", "2.List", "3.Back", sep='\t')
          iich = int(input("Enter Your Choice : "))
          if iich == 1:
             purchase add()
          elif iich == 2:
             purchase list()
          elif iich == 3:
             break
          else:
             print("Enter Valid Choice!!")
     elif ich == 3:
        while True:
          print("1.Add", "2.List", "3.Back", sep='\t')
          iich = int(input("Enter Your Choice : "))
          if iich == 1:
             payment add()
          elif iich == 2:
             payment_list()
          elif iich == 3:
             break
             print("Enter Valid Choice!!")
```

```
elif ich == 4:
  while True:
     print("1.Add", "2.List", "3.Back", sep='\t')
     iich = int(input("Enter Your Choice : "))
     if iich == 1:
        receipt add()
     elif iich == 2:
        receipt list()
     elif iich == 3:
        break
     else:
        print("Enter Valid Choice!!")
elif ich == 5:
  ledger()
elif ich == 6:
  cash book()
elif ich == 7:
  break
else:
  print("Enter Valid Option")
```

inventory.py

```
def inventory_call():
  from production import prd_add, prd_list
  from closing_stock import closing_stock
  while True:
     print("1.Production 2.Closing Stock
                                                 3.Back")
     ich = int(input("Enter Your choice : "))
     if ich==1:
       while True:
          print("1.Add","2.List","3.Back")
          iich = int(input("Enter Your choice : "))
          if iich==1:
             prd_add()
          elif iich==2:
             prd list()
          elif iich==3:
             break
          else:
             print("Enter Valid Choice!")
     elif ich==2:
       closing_stock()
     elif ich==3:
       break
        print("Enter Valid Choice!")
```

```
masters.py
def masters_call():
  from party import party_add, party_delete, party_modify, party_list
  from item import item add, item delete, item modify, item list
  I='continue'
  while I=='continue':
     print("1.Party","2.Item","3.Back",sep='\t')
     mch=int(input("Enter Your Choice:"))
     if mch==1:
        II='continue'
        while II=='continue':
          print("1.Add","2.Modify","3.List","4.Back",sep='\t')
          imch=int(input("Enter Your Choice:"))
          if imch==1:
             party_add()
          elif imch==2:
             III='continue'
             while III=='continue':
                print("1.Delete","2.Modify","3.Back",sep='\t')
                iimch=int(input("Enter Your Choice: "))
                if iimch==1:
                  party_delete()
               elif iimch==2:
                  party_modify()
               elif iimch==3:
                  break
               else:
                  print("Enter Valid Choice")
          elif imch==3:
             party list()
          elif imch==4:
             II=' '
          else:
             print("Enter Valid Choice!!")
     elif mch==2:
       II='continue'
       while II=='continue':
          import item
          print("1.Add","2.Modify","3.List","4.Back",sep='\t')
          imch=int(input("Enter Your Choice:"))
          if imch==1:
             item add()
          elif imch==2:
             III='continue'
             while III=='continue':
                print("1.Delete","2.Modify","3.Back",sep='\t')
               iimch=int(input("Enter Your Choice : "))
               if iimch==1:
                  item delete()
               elif iimch==2:
                  item modify()
               elif iimch==3:
                  break
               else:
                  print("Enter Valid Choice")
```

```
elif mch==3:
          break
       else:
          print("Enter Valid Choice!!")
                                            sales.py
def sales():
  from sql import sql
  query = ("Create Table IF NOT EXISTS Sales (Date date NOT NULL,\
                                                 VCH NO Integer NOT NULL,\
                                                 Party Name varchar(30) NOT NULL,\
                                                 Item Name varchar(30) NOT NULL,\
                                                 Quantity integer NOT NULL,\
                                                 Unit varchar(10) NOT NULL,\
                                                 Price integer NOT NULL,\
                                                 Amount integer NOT NULL)")
  sql(query)
  print("Successfully Loaded Sales Table!")
def sales add():
  from datetime import datetime
  from datetime entry import input date
  from vch_no_generate import generate_sales_vch
  sales()
  while True:
     user_input_date = input_date()
     if user input date:
     # Converting the validated date to "yyyy-mm-dd" format
       formatted_date = user_input_date.strftime("%Y-%m-%d")
       break
     else:
       print("Invalid date. Please try again.")
  print("Date:-",user_input_date)
  vch_number = generate_sales_vch()
  print("Voucher Number:", vch number)
  from sql import sql
  from party_menu import PartyNameEntryForm
  party_form = PartyNameEntryForm()
  party_form.party_name_entry_form()
  selected_party = party_form.selected_party
  if selected party is not None:
     print("Party:-",selected_party)
  while True:
    from item_menu import ItemNameEntryForm
    # Create an instance of the ItemNameEntryForm class
    item form = ItemNameEntryForm()
    # Call the item_name_entry_form method to display the form
    item_form.item_name_entry_form()
    # Retrieve the selected item after the form is closed
    selected item = item form.selected item
    # Check if an item was selected
    if selected_item is not None:
       print("Selected item:", selected_item)
    else:
       print("No item selected.")
    quantity = float(input("Enter Quantity: "))
    unit=input("Enter Unit:")
    price = float(input("Enter Price: "))
    amount=price*quantity
```

```
from sql import sql
               insert_query="INSERT INTO Sales VALUES('\darkappa,\\,'\darkappa,\\,'\darkappa,\\,'\darkappa,\\,'\darkappa,\\,'\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darkappa,\darka
                                                      vch_number,selected_party,selected_item,quantity,unit,price,amount)
               sql(insert_query)
               ledger_query="INSERT INTO {} (DrDate, DrParticulars, DrAmount)Values('{}',\
                                                             'Sales',{})".format(selected_party,user_input_date,amount)
               sql(ledger_query)
               stk query="INSERT INTO {} (OutDate,ParticularsOut,QuantityOut,UnitOut,PriceOut, AmountOut)\
               Values ('\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{align}'\begin{
               sql(stk_query)
               con=input("Do You Want To ADD more Items?{y,n}: ")
               if con=='n':
                       break
def sales_list():
       sales()
       import mysql.connector as sql
       mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
       mycursor = mydb.cursor()
       mycursor.execute("SELECT * FROM Sales")
       res = mycursor.fetchall()
       # Get the column names
       column_names = ['Sales_Date' ,'VCH_NO', 'Party_Name', 'Item_Name','Quantity','Unit','Price','Amount']
       # Calculate the max length for each column
       max_lengths = [max(len(column_names[i]), max(len(str(row[i])) for row in res))
                                    for i in range(len(column_names))]
       # Increase the width for better alignment
       max_lengths = [max_length + 4 for max_length in max_lengths]
       # Create the top border
       border = "+" + "+".join("-" * (length + 2) for length in max_lengths) + "+"
       # Create the column names row
       column row = "|" + "|".join(column names[i].center(max lengths[i])
                                                             for i in range(len(column_names))) + " |"
       # Create the separator row
       separator = "+" + "+".join("-" * (max_lengths[i] + 2)
                                                           for i in range(len(column names))) + "+"
        # Print the table
        print(border)
        print(column_row)
        print(separator)
        for row in res:
                row_str = "| " + " | ".join(str(cell).center(max_lengths[i] + 2)
                                                                     for i, cell in enumerate(row)) + " |"
                print(row_str)
        # Create the bottom border
        bottom_border = "+" + "+".join("-" * (max_lengths[i] + 2)
                                                                   for i in range(len(column_names))) + "+"
        print(bottom border)
```

purchase.py

```
def purchase():
  from sql import sql
  query = ("Create Table IF NOT EXISTS purchase (Date date NOT NULL,\
                                               VCH NO Integer NOT NULL,\
                                               Party Name varchar(30) NOT NULL.\
                                               Item_Name varchar(30) NOT NULL,\
                                               Quantity integer NOT NULL,\
                                               Unit varchar(10) NOT NULL,\
                                               Price integer NOT NULL,\
                                               Amount integer NOT NULL)")
  sql(query)
  print("Successfully Loaded purchase Table!")
def purchase add():
  from datetime import datetime
  from datetime_entry import input_date
  from vch_no_generate import generate_purchase_vch
  purchase()
  while True:
    user_input_date = input_date()
     if user_input_date:
     # Converting the validated date to "yyyy-mm-dd" format
       formatted date = user input date.strftime("%Y-%m-%d")
       break
     else:
       print("Invalid date. Please try again.")
  print("Date:-",user_input_date)
  vch_number = generate_purchase_vch()
  print("Voucher Number:", vch_number)
  from sql import sql
  from party_menu import PartyNameEntryForm
  party_form = PartyNameEntryForm()
  party_form.party_name_entry_form()
  selected_party = party_form.selected_party
  if selected_party is not None:
     print("Party:-",selected_party)
  while True:
     from item menu import ItemNameEntryForm
     # Create an instance of the ItemNameEntryForm class
     item_form = ItemNameEntryForm()
     # Call the item_name_entry_form method to display the form
     item_form.item_name_entry_form()
     # Retrieve the selected item after the form is closed
     selected item = item form.selected item
     # Check if an item was selected
     if selected item is not None:
       print("Selected item:", selected_item)
     else:
       print("No item selected.")
       break
     quantity = float(input("Enter Quantity: "))
     unit=input("Enter Unit:")
     price = float(input("Enter Price: "))
     amount=price*quantity
     from sql import sql
     vch number, selected party, selected item, quantity, unit, price, amount)
     sql(insert_query)
     ledger_query="INSERT INTO {} (CrDate, CrParticulars, CrAmount)Values('{}',\
                   'purchase',{})".format(selected_party,user_input_date,amount)
     sql(ledger_query)
```

```
stk_query="INSERT INTO {} (InDate,ParticularsIn,QuantityIn, UnitIn, PriceIn, AmountIn)\
     Values ('{}', 'Purchase',{},'{}',{},{})".format(selected_item,user_input_date,quantity,unit,price,amount)
     sql(stk_query)
     con=input("Do You Want To ADD more Items?{y,n}: ")
     if con=='n':
       break
def purchase_list():
  import mysql.connector as sql
  mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
  mycursor = mydb.cursor()
  mycursor.execute("SELECT * FROM Purchase")
  res = mycursor.fetchall()
  # Get the column names
  column_names = ['Purchase_Date' ,'VCH_NO', 'Party_Name', 'Item_Name','Quantity','Unit','Price','Amount']
  # Calculate the max length for each column
  max_lengths = [max(len(column_names[i]), max(len(str(row[i])) for row in res))
           for i in range(len(column_names))]
  # Increase the width for better alignment
  max_lengths = [max_length + 4 for max_length in max_lengths]
  # Create the top border
  border = "+" + "+".join("-" * (length + 2) for length in max_lengths) + "+"
  # Create the column names row
  column_row = "|" + "|".join(column_names[i].center(max_lengths[i])
                   for i in range(len(column_names))) + " |"
  # Create the separator row
  separator = "+" + "+".join("-" * (max_lengths[i] + 2)
                   for i in range(len(column_names))) + "+"
  # Print the table
  print(border)
  print(column_row)
  print(separator)
  for row in res:
     row_str = "| " + " | ".join(str(cell).center(max_lengths[i] + 2)
                     for i, cell in enumerate(row)) + " |"
     print(row_str)
  # Create the bottom border
  bottom_border = "+" + "+".join("-" * (max_lengths[i] + 2)
                     for i in range(len(column_names))) + "+"
  print(bottom_border)
                                        payment.py
def payment():
  from sql import sql
   query = ("Create Table IF NOT EXISTS Payment (Date date NOT NULL,\
                                                       VCH NO Integer NOT NULL,\
                                                        Party Name varchar(30) NOT NULL,\
                                                        Amount integer NOT NULL)")
   sql(query)
   print("Successfully Loaded Payment's Table!")
def payment_add():
   from cash_book import cashbook_load
   from datetime import datetime
   from datetime_entry import input_date
   from vch_no_generate import generate_payment_vch
   payment()
   cashbook_load()
```

```
while True:
          user_input_date = input_date()
          if user input date:
          # Converting the validated date to "yyyy-mm-dd" format
              formatted_date = user_input_date.strftime("%Y-%m-%d")
               break
          else:
               print("Invalid date. Please try again.")
     print("Date:-",user_input_date)
     vch number = generate payment vch()
     print("Voucher Number:", vch number)
     from sql import sql
     from party menu import PartyNameEntryForm
     party form = PartyNameEntryForm()
     party_form.party_name_entry_form()
     selected party = party form.selected party
     if selected_party is not None:
          print("Party:-",selected_party)
     amount=int(input("Enter Amount Paid: "))
     from sql import sql
     insert query="INSERT INTO Payment Values('\frac{1}{2}, \frac{1}{2}, \f
                                                                                      vch number, selected party, amount)
     sql(insert_query)
     ledger_query="INSERT INTO {} (DrDate, DrParticulars, DrAmount)Values('{}',\
                                       'Payment',{})".format(selected_party,user_input_date,amount)
     sql(ledger_query)
     cashbk query="INSERT INTO CashBook (CrDate, CrParticulars, CrAmount)\
               VALUES ('{}','{}',{}})".format(user_input_date,selected_party,amount)
     sql(cashbk_query)
def payment_list():
     payment()
     import mysql.connector as sql
     mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
     mycursor = mydb.cursor()
     mycursor.execute("SELECT * FROM Payment")
     res = mycursor.fetchall()
     # Get the column names
     column_names = ['Payment_Date' ,'VCH_NO', 'Party_Name','Amount']
     # Calculate the max length for each column
     max_lengths = [max(len(column_names[i]), max(len(str(row[i])) for row in res))
                       for i in range(len(column_names))]
     # Increase the width for better alignment
     max_lengths = [max_length + 4 for max_length in max_lengths]
     # Create the top border
     border = "+" + "+".join("-" * (length + 2) for length in max_lengths) + "+"
     # Create the column names row
     column_row = "|" + "|".join(column_names[i].center(max_lengths[i])
                                       for i in range(len(column_names))) + " |"
     # Create the separator row
     separator = "+" + "+".join("-" * (max_lengths[i] + 2)
                                      for i in range(len(column_names))) + "+"
     # Print the table
     print(border)
     print(column_row)
     print(separator)
```

```
for row in res:
     row_str = "| " + " | ".join(str(cell).center(max_lengths[i] + 2)
                      for i, cell in enumerate(row)) + " |"
     print(row_str)
  # Create the bottom border
  bottom_border = "+" + "+".join("-" * (max_lengths[i] + 2)
                      for i in range(len(column_names))) + "+"
  print(bottom_border)
                                      receipt.py
def receipt():
  from sql import sql
  query = ("Create Table IF NOT EXISTS Receipt (Date date NOT NULL,\
                                                 VCH_NO Integer NOT NULL,\
                                                  Party_Name varchar(30) NOT NULL,\
                                                  Amount integer NOT NULL)")
  sql(query)
  print("Successfully Loaded Receipt's Table!")
def receipt_add():
  from datetime import datetime
  from datetime_entry import input_date
  from vch_no_generate import generate_receipt_vch
  from cash_book import cashbook_load
  cashbook_load()
  receipt()
  while True:
     user_input_date = input_date()
     if user_input_date:
     # Converting the validated date to "yyyy-mm-dd" format
       formatted_date = user_input_date.strftime("%Y-%m-%d")
     else:
       print("Invalid date. Please try again.")
  print("Date:-",user_input_date)
  vch_number = generate_receipt_vch()
  print("Voucher Number:", vch_number)
  from sql import sql
  from party_menu import PartyNameEntryForm
  party_form = PartyNameEntryForm()
  party_form.party_name_entry_form()
  selected_party = party_form.selected_party
  if selected_party is not None:
     print("Party:-",selected_party)
  amount=int(input("Enter Amount : "))
  from sql import sql
  insert_query="INSERT INTO Receipt Values('{}',{},'{}',{})".format(user_input_date,\
                                            vch_number,selected_party,amount)
  sql(insert_query)
  ledger_query="INSERT INTO {} (CrDate, CrParticulars, CrAmount)Values('{}',\
                    'receipt',{})".format(selected_party,user_input_date,amount)
  sql(ledger_query)
  cashbk_query="INSERT INTO CashBook (DrDate, DrParticulars, DrAmount)\
       VALUES ('{}','{}',{}})".format(user_input_date,selected_party,amount)
  sql(cashbk_query)
```

```
def receipt_list():
  receipt()
  import mysql.connector as sql
  mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
  mycursor = mydb.cursor()
  mycursor.execute("SELECT * FROM Receipt")
  res = mycursor.fetchall()
  # Get the column names
  column_names = ['Receipt_Date' ,'VCH_NO', 'Party_Name','Amount']
  # Calculate the max length for each column
  max_lengths = [max(len(column_names[i]), max(len(str(row[i])) for row in res))
            for i in range(len(column_names))]
  # Increase the width for better alignment
  max_lengths = [max_length + 4 for max_length in max_lengths]
  # Create the top border
  border = "+" + "+".join("-" * (length + 2) for length in max_lengths) + "+"
  # Create the column names row
  column_row = "|" + "|".join(column_names[i].center(max_lengths[i])
                    for i in range(len(column_names))) + " |"
  # Create the separator row
  separator = "+" + "+".join("-" * (max_lengths[i] + 2)
                    for i in range(len(column_names))) + "+"
  # Print the table
  print(border)
  print(column_row)
  print(separator)
  for row in res:
    row_str = "| " + " | ".join(str(cell).center(max_lengths[i] + 2)
                       for i, cell in enumerate(row)) + " |"
    print(row_str)
  # Create the bottom border
  bottom_border = "+" + "+".join("-" * (max_lengths[i] + 2)
                      for i in range(len(column_names))) + "+"
  print(bottom_border)
                                        ledger.py
def ledger():
  import mysql.connector as sql
  from party_menu import PartyNameEntryForm
  party_form = PartyNameEntryForm()
  party_form.party_name_entry_form()
  selected_party = party_form.selected_party
  if selected_party is not None:
    print("Party:-", selected_party)
    mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
    mycursor = mydb.cursor()
    # Fetch data for the first table
    mycursor.execute("SELECT DrDate, DrParticulars, DrAmount FROM {}\
            WHERE DrDate IS NOT NULL AND DrParticulars IS NOT NULL AND \
                   DrAmount IS NOT NULL".format(selected_party))
    res1 = mycursor.fetchall()
    # Get the column names for the first table
    column_names1 = ["Debit_Date", "DrParticulars", "DrAmount"]
    # Fetch data for the second table
    mycursor.execute("SELECT CrDate, CrParticulars, CrAmount FROM {}\
            WHERE CrDate IS NOT NULL AND CrParticulars IS NOT NULL AND \
                   CrAmount IS NOT NULL".format(selected_party))
    res2 = mycursor.fetchall()
```

```
# Get the column names for the second table
column_names2 = ["Credit_Date", "CrParticulars", "CrAmount"]
# Calculate the max length for each column for both tables
max_lengths1 = [max(len(column_names1[i]), max(len(str(row[i])) for row in res1))
        for i in range(len(column_names1))]
max_lengths2 = [max(len(column_names2[i]), max(len(str(row[i])) for row in res2))
        for i in range(len(column_names2))]
# Increase the width for better alignment
max_lengths1 = [max_length + 2 for max_length in max_lengths1]
max_lengths2 = [max_length + 2 for max_length in max_lengths2]
# Determine the maximum number of rows between the two tables
max rows = max(len(res1), len(res2))
# Create the top border
border = "+" + "+".join("-" * (length + 2) for length in max_lengths1 + max_lengths2) + "+"
# Create the column names row for the first table
column_row1 = "|" + "|".join(column_names1[i].center(max_lengths1[i])
                   for i in range(len(column_names1))) + " |"
# Create the column names row for the second table
column row2 = "|" + "|".join(column names2[i].center(max lengths2[i])
                   for i in range(len(column_names2))) + " |"
# Print the table headers
print(border)
print(column_row1 + column row2)
# Create the separator row for the first table
separator1 = "+" + "+".join("-" * (max_lengths1[i] + 2)
                  for i in range(len(column_names1))) + "+"
# Create the separator row for the second table
separator2 = "+" + "+".join("-" * (max_lengths2[i] + 2)
                  for i in range(len(column_names2))) + "+"
# Print the table separators
print(separator1 + separator2)
# Print the rows for both tables
for i in range(max_rows):
# Print rows for the first table if available
  if i < len(res1):</pre>
     row_str1 = "| " + " | ".join(str(cell).center(max_lengths1[j])
                   for j, cell in enumerate(res1[i])) + " |"
  else:
# Print empty cells if the first table has fewer rows
     row_str1 = "|" + " " * (max_lengths1[0] + max_lengths1[1] + max_lengths1[2] - 2) + "|"
# Print rows for the second table if available
  if i < len(res2):
     row_str2 = "| " + " | ".join(str(cell).center(max_lengths2[j])
                  for j, cell in enumerate(res2[i])) + " |"
# Print empty cells if the second table has fewer rows
     row_str2 = "|" + " " * (max_lengths2[0] + max_lengths2[1] + max_lengths2[2] - 2) + "|"
  print(row_str1 + row_str2)
# Create the bottom border
bottom_border = "+" + "+".join("-" * (max_lengths1[i] + 2) for i in range(len(column_names1))) + "+"
bottom_border += "+" + "+".join("-" * (max_lengths2[i] + 2) for i in range(len(column_names2))) + "+"
print(bottom_border)
# Calculate total debit amount
dr_amt = "SELECT SUM(DrAmount) FROM {}".format(selected_party)
mycursor.execute(dr amt)
drtotal = mycursor.fetchone()[0]
dramt = float(drtotal) if drtotal is not None else 0
```

```
# Calculate total credit amount
     cr amt = "SELECT SUM(CrAmount) FROM {}".format(selected party)
     mycursor.execute(cr_amt)
     crtotal = mycursor.fetchone()[0]
     cramt = float(crtotal) if crtotal is not None else 0
     if dramt<cramt:
       print("Account Balance: ₹",cramt-dramt,"Dr.")
     elif dramt>cramt:
       print("Account Balance: ₹",dramt-cramt,"Cr.")
                                    cash_book.py
def cashbook load():
  from sql import sql
  query = ("Create Table IF NOT EXISTS CashBook (DrDate date ,\
                                             DrParticulars varchar(30) ,\
                                             DrAmount integer ,\
                                             CrDate date ,\
                                             CrParticulars varchar(30) ,\
                                             CrAmount integer )")
  sql(query)
  print("Successfully Loaded Cash Book!")
def cash_book():
  cashbook load()
  # Fetch data for the first table
  import mysql.connector as sql
  mydb=sql.connect(host='localhost',user='root',passwd='1234',database='Al')
  mycursor=mydb.cursor()
     # Fetch data for the first table
  mycursor.execute("SELECT DrDate, DrParticulars, DrAmount FROM CashBook\
            WHERE DrDate IS NOT NULL AND DrParticulars IS NOT NULL AND \
                    DrAmount IS NOT NULL")
  res1 = mycursor.fetchall()
     # Get the column names for the first table
  column names1 = ["Debit Date", "DrParticulars", "DrAmount"]
     # Fetch data for the second table
  mycursor.execute("SELECT CrDate, CrParticulars, CrAmount FROM CashBook\
            WHERE CrDate IS NOT NULL AND CrParticulars IS NOT NULL AND
                    CrAmount IS NOT NULL")
  res2 = mycursor.fetchall()
     # Get the column names for the second table
  column_names2 = ["Credit_Date", "CrParticulars", "CrAmount"]
     # Calculate the max length for each column for both tables
  max_lengths1 = [max(len(column_names1[i]), max(len(str(row[i])) for row in res1))
            for i in range(len(column_names1))]
  max_lengths2 = [max(len(column_names2[i]), max(len(str(row[i])) for row in res2))
            for i in range(len(column_names2))]
    # Increase the width for better alignment
  max_lengths1 = [max_length + 2 for max_length in max_lengths1]
  max lengths2 = [max length + 2 for max length in max lengths2]
    # Determine the maximum number of rows between the two tables
  max_rows = max(len(res1), len(res2))
    # Create the top border
  border = "+" + "+".join("-" * (length + 2) for length in max_lengths1 + max_lengths2) + "+"
    # Create the column names row for the first table
  column_row1 = "|" + "|".join(column_names1[i].center(max_lengths1[i])
                      for i in range(len(column_names1))) + " |"
```

```
# Create the column names row for the second table
column_row2 = "|" + "|".join(column_names2[i].center(max_lengths2[i])
                     for i in range(len(column names2))) + " |"
  # Print the table headers
print(border)
print(column_row1 + column_row2)
  # Create the separator row for the first table
separator1 = "+" + "+".join("-" * (max_lengths1[i] + 2)
                     for i in range(len(column_names1))) + "+"
  # Create the separator row for the second table
separator2 = "+" + "+".join("-" * (max_lengths2[i] + 2)
                    for i in range(len(column_names2))) + "+"
  # Print the table separators
print(separator1 + separator2)
  # Find the maximum length of rows between both tables
max_rows = max(len(res1), len(res2))
  # Print the rows for both tables
for i in range(max_rows):
  # Print rows for the first table if available
  if i < len(res1):
     row_str1 = "| " + " | ".join(str(cell).center(max_lengths1[j])
                     for j, cell in enumerate(res1[i])) + " |"
  else:
  # Print empty cells if the first table has fewer rows
     row_str1 = "|" + " " * (max_lengths1[0] + max_lengths1[1] + max_lengths1[2] - 2) + "|"
  # Print rows for the second table if available
  if i < len(res2):
     row_str2 = "| " + " | ".join(str(cell).center(max_lengths2[j])
                     for j, cell in enumerate(res2[i])) + " |"
  else:
  # Print empty cells if the second table has fewer rows
     row_str2 = "|" + " " * (max_lengths2[0] + max_lengths2[1] + max_lengths2[2] - 2) + "|"
  print(row_str1 + row_str2)
  # Create the bottom border
bottom border = "+" + "+".join("-" * (max_lengths1[i] + 2) for i in range(len(column_names1))) + "+"
bottom_border += "+" + "+".join("-" * (max_lengths2[i] + 2) for i in range(len(column_names2))) + "+"
print(bottom_border)
   # Calculate total debit amount
dr_amt = "SELECT SUM(DrAmount) FROM CashBook"
mycursor.execute(dr amt)
drtotal = mycursor.fetchone()[0]
dramt = float(drtotal) if drtotal is not None else 0
   # Calculate total credit amount
cr_amt = "SELECT SUM(CrAmount) FROM CashBook"
mycursor.execute(cr_amt)
crtotal = mycursor.fetchone()[0]
cramt = float(crtotal) if crtotal is not None else 0
if dramt<cramt:
   print("Cash Balance: ₹",cramt-dramt,"Dr.")
elif dramt>cramt:
   print("Cash Balance: ₹",dramt-cramt,"Cr.")
```

```
production.py
def production():
  from sql import sql
  query = ("CREATE TABLE IF NOT EXISTS Production ("
     "Date DATE,"
     "Item_consumed VARCHAR(30),"
     "Qnt consumed INTEGER,"
     "Unit consumed VARCHAR(10),"
     "Item_generated VARCHAR(30),"
     "Qnt generated INTEGER,"
     "Unit_generated VARCHAR(10) );")
  sql(query)
  print("Successfully Loaded Production Table!")
def prd add():
  from datetime import datetime
  from datetime entry import input date
  production()
  while True:
     user_input_date = input_date()
     if user input date:
     # Converting the validated date to "yyyy-mm-dd" format
       formatted_date = user_input_date.strftime("%Y-%m-%d")
       break
     else:
       print("Invalid date. Please try again.")
  print("Date:-",user input date)
     #Item Consumed Details
  while True:
     print("Select Consumption item!")
     from item menu import ItemNameEntryForm
       # Create an instance of the ItemNameEntryForm class
     item form = ItemNameEntryForm()
       # Call the item_name_entry_form method to display the form
     item_form.item_name_entry_form()
       # Retrieve the selected item after the form is closed
     selected item = item form.selected item
       # Check if an item was selected
    if selected item is not None:
       print("Selected item:", selected item)
    else:
       print("No item selected.")
       break
     quantity = float(input("Enter Quantity: "))
     unit=input("Enter Unit:")
    from sql import sql
    insert_query="INSERT INTO Production (Date,Item_consumed,Qnt_consumed,Unit_consumed)\
       VALUES('{}','{}',{}',{}',{}')".format(user_input_date,selected_item,quantity,unit)
     sql(insert_query)
     price=1
     stk query="INSERT INTO {} (OutDate,ParticularsOut,QuantityOut, UnitOut, PriceOut, AmountOut)\
     Values ('{}','Production',{},'{}',{},{})".format(selected_item,user_input_date,quantity,unit,price,amount)
     sql(stk query)
     con=input("Do You Want To ADD more Consumption Items?{y,n}: ")
     if con=='n':
       break
```

```
#Item Generated Details
  while True:
     print("Select Generated item!")
     from item menu import ItemNameEntryForm
       # Create an instance of the ItemNameEntryForm class
     item_form = ItemNameEntryForm()
       # Call the item_name_entry_form method to display the form
     item form.item name entry form()
       # Retrieve the selected item after the form is closed
     selected item = item form.selected item
       # Check if an item was selected
     if selected_item is not None:
       print("Selected item:", selected_item)
       print("No item selected.")
     quantity = float(input("Enter Quantity: "))
     unit=input("Enter Unit:")
     from sql import sql
     insert query="INSERT INTO Production (Item generated,Qnt generated,Unit generated)\
       VALUES('{}',{},'{}')".format(selected_item,quantity,unit)
     sql(insert query)
     price=1
     amount=1
     stk_query="INSERT INTO {} (InDate,ParticularsIn,QuantityIn, UnitIn, PriceIn, AmountIn)\
     Values ('{}','Production',{},'{}',{},{},")".format(selected_item,user_input_date,quantity,unit,price,amount)
     sql(stk_query)
     con=input("Do You Want To ADD more Generated Items?{y,n}: ")
     if con=='n':
       break
     break
def prd list():
  production()
  # Fetch data for the first table
  import mysql.connector as sql
  mydb=sql.connect(host='localhost',user='root',passwd='1234',database='Al')
  mycursor=mydb.cursor()
  mycursor.execute("SELECT Date, Item_consumed, Qnt_consumed, Unit_consumed \
    FROM Production WHERE Date IS NOT NULL AND Item_consumed IS NOT NULL \
    AND Qnt_consumed IS NOT NULL AND Unit_consumed IS NOT NULL")
  res1 = mycursor.fetchall()
     # Get the column names for the first table
  column_names1 = [" Date ", "ItemCons.", "QntCons.", "UnitCons."]
    # Fetch data for the second table
  mycursor.execute("SELECT Item generated, Qnt generated, Unit generated \
    FROM Production WHERE Item_generated IS NOT NULL AND \
     Qnt generated IS NOT NULL AND Unit generated IS NOT NULL")
  res2 = mycursor.fetchall()
     # Get the column names for the second table
  column_names2 = ["ItemGenrt.", "QntGenrt.", "UnitGenrt."]
     # Calculate the max length for each column for both tables
  max_lengths1 = [max(len(column_names1[i]), max(len(str(row[i])) for row in res1))
            for i in range(len(column_names1))]
  max_lengths2 = [max(len(column_names2[i]), max(len(str(row[i])) for row in res2))
            for i in range(len(column names2))]
    # Increase the width for better alignment
  max_lengths1 = [max_length + 2 for max_length in max_lengths1]
  max lengths2 = [max length + 2 for max length in max lengths2]
    # Determine the maximum number of rows between the two tables
  max_rows = max(len(res1), len(res2))
    # Create the top border
  border = "+" + "+".join("-" * (length + 2) for length in max lengths1 + max lengths2) + "+"
```

```
# Create the column names row for the first table
   column_row1 = "|" + "|".join(column_names1[i].center(max_lengths1[i])
                         for i in range(len(column_names1))) + " |"
     # Create the column names row for the second table
   column_row2 = "|" + "|".join(column_names2[i].center(max_lengths2[i])
                         for i in range(len(column_names2))) + " |"
     # Print the table headers
   print(border)
   print(column_row1 + column_row2)
     # Create the separator row for the first table
   separator1 = "+" + "+".join("-" * (max_lengths1[i] + 2)
                        for i in range(len(column_names1))) + "+"
     # Create the separator row for the second table
   separator2 = "+" + "+".join("-" * (max_lengths2[i] + 2)
                        for i in range(len(column_names2))) + "+"
     # Print the table separators
   print(separator1 + separator2)
     # Find the maximum length of rows between both tables
   max_rows = max(len(res1), len(res2))
     # Print the rows for both tables
   for i in range(max_rows):
     # Print rows for the first table if available
     if i < len(res1):
        row_str1 = "| " + " | ".join(str(cell).center(max_lengths1[j])
                        for j, cell in enumerate(res1[i])) + " |"
     # Print empty cells if the first table has fewer rows
        row_str1 = "|" + " " * (max_lengths1[0] + max_lengths1[1] + max_lengths1[2] - 2) + "|"
     # Print rows for the second table if available
     if i < len(res2):
        row_str2 = "| " + " | ".join(str(cell).center(max_lengths2[j])
                        for j, cell in enumerate(res2[i])) + " |"
     # Print empty cells if the second table has fewer rows
        row_str2 = "|" + " " * (max_lengths2[0] + max_lengths2[1] + max_lengths2[2] - 2) + "|"
     print(row_str1 + row_str2)
     # Create the bottom border
   bottom_border = "+" + "+".join("-" * (max_lengths1[i] + 2) for i in range(len(column_names1))) + "+"
   bottom_border += "+" + "+".join("-" * (max_lengths2[i] + 2) for i in range(len(column_names2))) + "+"
   print(bottom_border)
                                     closing_stock.py
def closing_stock():
  from item_menu import ItemNameEntryForm
  # Create an instance of the ItemNameEntryForm class
  item_form = ItemNameEntryForm()
  # Call the item_name_entry_form method to display the form
  item_form.item_name_entry_form()
  # Retrieve the selected item after the form is closed
  selected item = item form.selected item
  # Check if an item was selected
  if selected item is not None:
    print("Selected item:", selected_item)
  else:
    print("No item selected.")
  # Fetch data for the first table
  import mysql.connector as sql
  mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
  mycursor = mydb.cursor()
```

```
mycursor.execute("SELECT InDate, ParticularsIn, QuantityIn, UnitIn, PriceIn, AmountIN FROM (1)\)
WHERE InDate IS NOT NULL AND Particulars In IS NOT NULL AND Unit In IS NOT NULL \
AND QuantityIn IS NOT NULL AND PriceIn IS NOT NULL AND AmountIn IS NOT NULL".format(selected_item))
res1 = mycursor.fetchall()
# Get the column names for the first table
column_names1 = ["In_Date", "PrtcIrsIn", "QntIn", "UnitIn", "PriceIn", "AmountIn"]
# Fetch data for the second table
mycursor.execute("SELECT OutDate, ParticularsOut, QuantityOut, UnitOut, PriceOut, AmountOut FROM {}\
WHERE OutDate IS NOT NULL AND ParticularsOut IS NOT NULL AND UnitOut IS NOT NULL \
AND QuantityOut IS NOT NULL AND PriceOut IS NOT NULL AND AmountOut IS NOT NULL".format(selected item))
res2 = mvcursor.fetchall()
# Get the column names for the second table
column_names2 = ["Out_Date", "PrtclrsOut", "QntOut", "UnitOut", "PriceOut", "AmountOut"]
# Check if res2 is not empty before calculating max_lengths2
if res2:
  max_lengths2 = [max(len(column_names2[i]), max(len(str(row[i])) for row in res2)) + 2
            for i in range(len(column_names2))]
else:
  max_lengths2 = [len(column_name) + 2 for column_name in column_names2]
# Calculate the max length for each column for both tables
max_lengths1 = [max(len(column_names1[i]), max(len(str(row[i])) for row in res1))
          for i in range(len(column_names1))]
# Increase the width for better alignment
max_lengths1 = [max_length + 2 for max_length in max_lengths1]
max_lengths2 = [max_length + 2 for max_length in max_lengths2]
# Determine the maximum number of rows between the two tables
max_rows = max(len(res1), len(res2))
# Create the top border
border = "+" + "+".join("-" * (length + 2) for length in max_lengths1 + max_lengths2) + "+"
# Create the column names row for the first table
column_row1 = "|" + "|".join(column_names1[i].center(max_lengths1[i])
                   for i in range(len(column_names1))) + " |"
# Create the column names row for the second table
column_row2 = "|" + "|".join(column_names2[i].center(max_lengths2[i])
                   for i in range(len(column names2))) + " |"
# Print the table headers
print(border)
print(column_row1 + column_row2)
# Create the separator row for the first table
separator1 = "+" + "+".join("-" * (max_lengths1[i] + 2)
                   for i in range(len(column_names1))) + "+"
# Create the separator row for the second table
separator2 = "+" + "+".join("-" * (max_lengths2[i] + 2)
                   for i in range(len(column_names2))) + "+"
# Print the table separators
print(separator1 + separator2)
# Find the maximum length of rows between both tables
max_rows = max(len(res1), len(res2))
# Print the rows for both tables
for i in range(max_rows):
   # Print rows for the first table if available
   if i < len(res1):
     row_str1 = "| " + " | ".join(str(cell).center(max_lengths1[j])
                        for j, cell in enumerate(res1[i])) + " |"
     # Print empty cells if the first table has fewer rows
     row_str1 = "|" + " " * (max_lengths1[0] + max_lengths1[1] + max_lengths1[2] - 2) + "|"
   # Print rows for the second table if available
   if i < len(res2):
     row str2 = "| " + " | ".join(str(cell).center(max lengths2[j])
                        for j, cell in enumerate(res2[i])) + " |"
     # Print empty cells if the second table has fewer rows
     row str2 = "|" + " " * (max lengths2[0] + max lengths2[1] + max lengths2[2] - 2) + "|"
   print(row str1 + row str2)
# Create the bottom border
bottom border = "+" + "+".join("-" * (max lengths1[i] + 2) for i in range(len(column names1))) + "+"
bottom_border += "+" + "+".join("-" * (max_lengths2[i] + 2) for i in range(len(column_names2))) + "+"
 print(bottom border)
```

```
# Calculate Item IN
  itm_in = "SELECT SUM(QuantityIn) FROM {}".format(selected_item)
  mycursor.execute(itm_in)
  intotal = mycursor.fetchone()[0]
  initm = float(intotal) if intotal is not None else 0
  # Calculate Item OUT
  itm_out = "SELECT SUM(QuantityOut) FROM {}".format(selected_item)
  mycursor.execute(itm_out)
  outtotal = mycursor.fetchone()[0]
  outitm = float(outtotal) if outtotal is not None else 0
  print("Closing Stock is: ", initm - outitm, "UNITS")
                                                party.py
def party_name():
  from sql import sql
  query = ("Create Table IF NOT EXISTS PartyName (Party varchar(30) NOT NULL Primary Key,\
                       Address varchar(50) NOT NULL,\
                       MobileNo integer NOT NULL)")
  sql(query)
  print("Successfully Loaded Party Table!")
def party_add():
  party_name()
  from sql import sql
  p_name=input("Please Enter Party Name: ")
  p_adrs=input("Please Enter Address : ")
  p_no=input("Please Enter Number : ")
  create_query=("Create Table IF NOT EXISTS {} (DrDate date ,\
                                              DrParticulars varchar(30) ,\
                                              DrAmount integer ,\
                                              CrDate date ,\
                                              CrParticulars varchar(30) ,\
                                              CrAmount integer )".format(p_name))
  insert_query = "Insert into PartyName values('{}','{}',{}})".format(p_name, p_adrs, p_no)
  sql(create_query)
  sql(insert_query)
  print("Party Added Successfully!")
def party_modify():
  from sql import sql
  from party_menu import PartyNameEntryForm
  party_form = PartyNameEntryForm()
  party_form.party_name_entry_form()
  selected_party = party_form.selected_party
  if selected_party is not None:
     print("Party Found!")
     while True:
       qch = input("What You Want To Modify (Adrs\Mo): ")
       if qch == 'Adrs':
          address = input("Enter New Address: ")
          modify_query = "UPDATE PartyName SET Address='{}' WHERE Party='{}'".format(address, selected_party)
          sql(modify_query)
          print("Party details Updated Successfully!")
          break
        elif qch == 'Mo':
          mobile = int(input("Enter New Number: "))
          modify_query = "UPDATE PartyName SET MobileNo={} WHERE Party='{}'''.format(mobile, selected_party)
          sql(modify_query)
          print("Party details Updated Successfully!")
          break
        else:
           print("Invalid Choice!!")
           print("Enter choice from this {Adrs or Mo}")
      print("No party selected.")
```

```
def party_delete():
  from sql import sql
  from party_menu import PartyNameEntryForm
  party_form = PartyNameEntryForm()
  party_form.party_name_entry_form()
  selected_party = party_form.selected_party
  if selected_party is not None:
    print("Party Found!")
     query1="DROP Table {}".format(selected_party)
     sql(query1)
     query2="DELETE From PartyName WHERE Party='{}' ".format(selected_party)
    sql(query2)
def party_list():
  import mysql.connector as sql
  mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
  mycursor = mydb.cursor()
  mycursor.execute("SELECT * FROM PartyName")
  res = mycursor.fetchall()
  # Get the column names
  column_names = ["PartyName", "Address", "Mobile No."]
  # Calculate the max length for each column
  max_lengths = [max(len(column_names[i]), max(len(str(row[i])) for row in res))
           for i in range(len(column_names))]
  # Increase the width for better alignment
  max_lengths = [max_length + 4 for max_length in max_lengths]
  # Create the top border
  border = "+" + "+".join("-" * (length + 2) for length in max_lengths) + "+"
  # Create the column names row
  column_row = "|" + "|".join(column_names[i].center(max_lengths[i])
                   for i in range(len(column_names))) + " |"
  # Create the separator row
  separator = "+" + "+".join("-" * (max_lengths[i] + 2)
                  for i in range(len(column_names))) + "+"
  # Print the table
  print(border)
  print(column_row)
  print(separator)
  for row in res:
    row_str = "| " + " | ".join(str(cell).center(max_lengths[i] + 2)
                     for i, cell in enumerate(row)) + " |"
    print(row_str)
  # Create the bottom border
  bottom_border = "+" + "+".join("-" * (max_lengths[i] + 2)
                     for i in range(len(column_names))) + "+"
  print(bottom_border)
                                               item.py
def item_name():
   from sql import sql
   query = ("Create Table IF NOT EXISTS ItemName\
          (Item varchar(30) NOT NULL Primary Key, Unit varchar(6) NOT NULL)")
   sql(query)
   print("Successfully Loaded Item Table!")
def item_add():
   item_name()
   from sql import sql
   i_name=input("Please Enter Item Name : ")
   i_unit=input("Please Enter Unit:")
   i_price=int(input("Please Enter Price : "))
```

```
create query=("Create Table IF NOT EXISTS {} (InDate date,\
                                              ParticularsIn varchar(30),\
                                              QuantityIn Integer,\
                                              UnitIn varchar(6) ,\
                                              PriceIn integer ,\
                                              AmountIn integer,\
                                              OutDate date,\
                                              ParticularsOut varchar(30),
                                              QuantityOut Integer,\
                                              UnitOut varchar(6) .\
                                              PriceOut integer ,\
                                              AmountOut integer )".format(i_name))
  insert query = "Insert into ItemName values('{}','{}')".format(i name, i unit)
  insert_queryy = "insert into {} (Unit) Values ('{}')".format(i_name, i_unit)
  sql(create_query)
  sql(insert_query)
  print("Item Added Successfully!")
def item modify():
  item name()
  from sql import sql
  from item_menu import ItemNameEntryForm
  item form = ItemNameEntryForm()
  item form.item name entry form()
  selected item = item form.selected item
  if selected item is not None:
     print("Item Found!")
     qch = input("What You Want To Modify (Unit/Name): ")
     if qch == 'Unit':
       unit = input("Enter New Unit : ")
       modify query = "UPDATE ItemName SET Unit='{}' \
               WHERE item='{}'".format(unit, selected_item)
       sql(modify_query)
       print("Item details Updated Successfully!")
     elif ach == 'Name':
       name = input("Enter New Name : ")
       modify query = "UPDATE itemname SET item='{}' \
               WHERE item='{}"".format(name, selected_item)
       modify queryy="Alter Table {} Rename {}".format(selected item,name)
       sql(modify query)
       print("Item details Updated Successfully!")
     else:
       print("Invalid Choice!!")
       print("Enter choice from this {Unit or Name}")
  else:
     print("No item selected.")
def item list():
  item name()
  import mysql.connector as sql
  mydb = sql.connect(host='localhost', user='root', passwd='1234', database='Al')
  mycursor = mydb.cursor()
  mycursor.execute("SELECT * FROM ItemName")
  res = mycursor.fetchall()
  # Get the column names
  column_names = ["ItemName", "Unit"]
```

```
# Calculate the max length for each column
  max_lengths = [max(len(column_names[i]), max(len(str(row[i])) for row in res))
            for i in range(len(column names))]
  # Increase the width for better alignment
  max_lengths = [max_length + 4 for max_length in max_lengths]
  # Create the top border
  border = "+" + "+".join("-" * (length + 2) for length in max lengths) + "+"
  # Create the column names row
  column_row = "|" + "|".join(column_names[i].center(max_lengths[i])
                    for i in range(len(column_names))) + " |"
  # Create the separator row
  separator = "+" + "+".join("-" * (max_lengths[i] + 2)
                   for i in range(len(column_names))) + "+"
  # Print the table
  print(border)
  print(column_row)
  print(separator)
  for row in res:
     row_str = "| " + " | ".join(str(cell).center(max_lengths[i] + 2)
                      for i, cell in enumerate(row)) + " |"
     print(row str)
  # Create the bottom border
  bottom_border = "+" + "+".join("-" * (max_lengths[i] + 2)
                      for i in range(len(column names))) + "+"
  print(bottom border)
def item delete():
  from sql import sql
  from item menu import ItemNameEntryForm
  item_form = ItemNameEntryForm()
  item form.item name entry form()
  selected item = item form.selected item
  if selected item is not None:
     print("Item Found!")
  delete query="Delete FROM ItemName where item='{}' ".format(selected item)
  sql(delete_query)
  table_query="DROP Table {}".format(selected_item)
  sql(table query)
  print("Item Deleted Successfully")
                              datetime_entry.py
from datetime import datetime
def input_date():
  date_string = input("Enter Date (DD-MM-YYYY) : ")
     day, month, year = map(int, date_string.split('-'))
     user_date = datetime(year, month, day)
     return user date
  except (ValueError, IndexError):
     print("Invalid format. Please use DD-MM-YYYY format.")
     return None
```

item_menu.py

```
import tkinter as tk
from tkinter import ttk
import mysql.connector
class ItemNameEntryForm:
  def __init__(self):
     self.selected_item = None
  def save and destroy(self):
     self.selected item = self.item combo.get()
     # Perform validation
     if not self.selected item:
       print("Please select a item name.")
       return
     # Close the form
     self.app.destroy()
  def get_item_names(self):
     connection = mysql.connector.connect(host="localhost",user="root",passwd="1234",database="Al")
     cursor = connection.cursor()
     cursor.execute("SELECT item FROM ItemName")
     item_names = [row[0] for row in cursor.fetchall()]
     connection.close()
     return item_names
  def item_name_entry_form(self):
     self.app = tk.Tk()
     self.app.title("Item Selection")
     # item Name ComboBox
     item_label = tk.Label(self.app, text="Item Name:")
     item label.pack()
     # Fetch item names from MySQL
     item_names = self.get_item_names()
     self.item_combo = ttk.Combobox(self.app, values=item_names)
     self.item combo.pack()
     # Save Button
     save_button = tk.Button(self.app, text="OK", command=self.save_and_destroy)
     save_button.pack()
     self.app.mainloop()
                                            sql.py
def sql(query):
```

mydb=sql.connect(host='localhost',user='root',passwd='1234',database='Al')

import mysql.connector as sql

print("Query Executed Successfully!")

mycursor=mydb.cursor() mycursor.execute(query)

mydb.commit()

```
item_menu.py
```

```
import tkinter as tk
from tkinter import ttk
import mysql.connector
class PartyNameEntryForm:
  def init (self):
    self.selected party = None
  def save and destroy(self):
    self.selected_party = self.party_combo.get()
    # Perform validation
    if not self.selected_party:
       print("Please select a party name.")
       return
    # Close the form
    self.app.destroy()
  def get_party_names(self):
    connection = mysql.connector.connect(host="localhost",user="root",passwd="1234",database="Al")
    cursor = connection.cursor()
     cursor.execute("SELECT Party FROM PartyName")
     party_names = [row[0] for row in cursor.fetchall()]
     connection.close()
    return party_names
  def party_name_entry_form(self):
    self.app = tk.Tk()
     self.app.title("Party Selection")
     # Party Name ComboBox
     party label = tk.Label(self.app, text="Party Name:")
     party_label.pack()
     # Fetch party names from MySQL
     party_names = self.get_party_names()
     self.party_combo = ttk.Combobox(self.app, values=party_names)
     self.party_combo.pack()
     # Save Button
     save_button = tk.Button(self.app, text="OK", command=self.save_and_destroy)
    save_button.pack()
     self.app.mainloop()
                           vch_no_generate.py
def generate sales vch():
     import mysql.connector as mysql
     conn = mysql.connect(host="localhost",user="root",passwd="1234",database="Al")
     cursor = conn.cursor()
     cursor.execute("SELECT MAX(vch no) FROM Sales")
     latest voucher number = cursor.fetchone()[0] or 0
     conn.close()
     # Incrementing the latest voucher number
     vch number = latest voucher number + 1
     return vch number
```

```
def generate_purchase_vch():
    import mysql.connector as mysql
    conn = mysql.connect(host="localhost",user="root",passwd="1234",database="Al")
    cursor = conn.cursor()
    cursor.execute("SELECT MAX(vch no) FROM Sales")
    latest_voucher_number = cursor.fetchone()[0] or 0
    conn.close()
    # Incrementing the latest voucher number
    vch number = latest voucher number + 1
    return vch_number
def generate_receipt_vch():
    import mysql.connector as mysql
    conn = mysql.connect(host="localhost",user="root",passwd="1234",database="Al")
    cursor = conn.cursor()
    cursor.execute("SELECT MAX(vch no) FROM Sales")
    latest_voucher_number = cursor.fetchone()[0] or 0
    conn.close()
    # Incrementing the latest voucher number
    vch number = latest voucher number + 1
    return vch_number
def generate_payment_vch():
    import mysql.connector as mysql
    conn = mysql.connect(host="localhost",user="root",passwd="1234",database="Al")
    cursor = conn.cursor()
    cursor.execute("SELECT MAX(vch_no) FROM Sales")
    latest voucher number = cursor.fetchone()[0] or 0
    conn.close()
    # Incrementing the latest voucher number
    vch number = latest voucher number + 1
    return vch number
```

Output Screen

Adding Party

____Toh Kaise Hai APP Log!!!_

Mini Accounting & Inventory Management Software

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 3

1.Party 2.Item 3.Back

Enter Your Choice: 1

1.Add 2.Modify 3.List 4.Back

Enter Your Choice: 1

Query Executed Successfully!

Successfully Loaded Party Table!
Please Enter Party Name: Jainil

Please Enter Address : Maninagar

Please Enter Number: 7990178960

Query Executed Successfully!

Query Executed Successfully!

Party Added Successfully!

Viewing Parties

Toh Kaise Hai APP Log!!!

Mini Accounting & Inventory Management Software

1.Accounting 2.Inventory 3.Masters 4.Exit
Choose An Option: 3
1.Party 2.Item 3.Back
Enter Your Choice: 1
1.Add 2.Modify 3.List 4.Back
Enter Your Choice: 3
+-----+
| PartyName | Address | Mobile No. |
+------+

| Riya | Maninagar | 9510614493 | +------+

Jainil | Maninagar | 7990178960

Adding Item

Toh Kaise Hai APP Log!!!

Mini Accounting & Inventory Management Software

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 3

1.Party 2.Item 3.Back

Enter Your Choice: 2

1.Add 2.Modify 3.List 4.Back

Enter Your Choice: 1

Query Executed Successfully!
Successfully Loaded Item Table!
Please Enter Item Name: Item1

Please Enter Unit: KGS
Please Enter Price: 100

Query Executed Successfully! Query Executed Successfully!

Item Added Successfully!

Viewing Items

Toh Kaise	Hai APP Log!!!
	ntory Management Software
1.Accounting 2.Invento	ry 3.Masters 4.Exit
Choose An Option : 3	
1.Party 2.Item 3.Back	
Enter Your Choice : 2	
1.Add 2.Modify 3.List 4.Back	
Enter Your Choice: 3	
Query Executed Successfully!	
Successfully Loaded Item Table!	
++	
ItemName Unit	
++	
Item1 KGS	
Item2 PCS	
Item3 LTR	
Item4 NOS	

Adding Sales Voucher

Toh Kaise Hai APP Log!!!

Mini Accounting & Inventory Management Software

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 1

1.Sales 2.Purchase 3.Payment 4.Receipt 5.Ledger 6.Cash Book 7.Back

Enter Your choice: 1
1.Add 2.List 3.Back

Enter Your Choice: 1

Query Executed Successfully!
Successfully Loaded Sales Table!
Enter Date (DD-MM-YYYY): 1-4-2023

Date:- 2023-04-01 00:00:00

Voucher Number: 1

Party:- Jainil

Selected item: Item1
Enter Quantity: 15
Enter Unit: KGS
Enter Price: 100

Query Executed Successfully! Query Executed Successfully! Query Executed Successfully!

Do You Want To ADD more Items?{y,n}: n

Viewing Sales Voucher

	Toh Kaise Hai APP L	og!!!		
Mini Accou	unting & Inventory Man	agement Softwar	re	
1.Accounting	2.Inventory	3.Masters	4.Exit	
Choose An Option: 1				
1.Sales 2.Purchase	3.Payment 4.Receip	t 5.Ledger 6.0	Cash Book 7.	Back
Enter Your choice: 1				
1.Add 2.List 3.B	ack			
Enter Your Choice: 2				
Query Executed Succe	ssfully!			
Successfully Loaded S	ales Table!			
++	+	+	+	-+
Sales Date VCH N	IO Party_Name Ite	m Name Quan	ntity Unit F	Price Amount
+++	+	+		-+
2023-04-01 1	Jainil I	tem1 15	KGS	100 1500
+	+	·+-	+	-+

Adding Purchase Voucher

Toh Kaise Hai APP Log!!!______Mini Accounting & Inventory Management Software______

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 1

1.Sales 2.Purchase 3.Payment 4.Receipt 5.Ledger 6.Cash Book 7.Back

Enter Your choice: 2

1.Add 2.List 3.Back
Enter Your Choice: 1

Query Executed Successfully!

Successfully Loaded purchase Table! Enter Date (DD-MM-YYYY): 1-4-2023

Date:- 2023-04-01 00:00:00

Voucher Number: 1

Party:- Riya

Selected item: Item1
Enter Quantity: 200
Enter Unit: KGS
Enter Price: 55

Query Executed Successfully! Query Executed Successfully! Query Executed Successfully!

Do You Want To ADD more Items?{y,n}: n

Viewing Purchase Voucher

	Toh Kaise Hai APP Lo	og!!!		
Mini Acco	unting & Inventory Mana	agement Soft	ware	_
1.Accounting	2.Inventory	3.Masters	4.Exit	t
Choose An Option: 1				
1.Sales 2.Purchase	3.Payment 4.Receipt	5.Ledger	6.Cash Book	7.Back
Enter Your choice: 2				
1.Add 2.List 3.B	ack			
Enter Your Choice: 2				
+	++	+	+	+
	H_NO	_		nit Price Amount
2023-04-01	1 Riya	Item1	200 K	GS 55 11000

Adding Payment Voucher

Toh Kaise Hai APP Log!!!

Mini Accounting & Inventory Management Software

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 1

1.Sales 2.Purchase 3.Payment 4.Receipt 5.Ledger 6.Cash Book 7.Back

Enter Your choice: 3
1.Add 2.List 3.Back
Enter Your Choice: 1

Query Executed Successfully!

Successfully Loaded Payment's Table!

Query Executed Successfully! Successfully Loaded Cash Book!

Enter Date (DD-MM-YYYY): 3-4-2023

Date:- 2023-04-03 00:00:00

Voucher Number: 1

Party:- Riya

Enter Amount Paid: 9800
Query Executed Successfully!
Query Executed Successfully!
Query Executed Successfully!

Viewing Payment Voucher

	Toh Kaise	Hai APP Lo	g!!!		
Mini Ad	ccounting & Inve	entory Manag	gement Soft	ware	
1.Accounting	2.Invento	ory	3.Masters	4.Ex	it
Choose An Option	1				
1.Sales 2.Purcha	se 3.Payment	4.Receipt	5.Ledger	6.Cash Book	7.Back
Enter Your choice	3				
1.Add 2.List	3.Back				
Enter Your Choice	: 2				
Query Executed Su	ccessfully!				
Successfully Loade	ed Payment's Tal	ble!			
+	++-	+			
Payment_Date	VCH_NO Part	y_Name A	mount		
+	++-	+			
2023-04-03	1 Ri	iya 9	800		
+	+	+			

Adding Receipt Voucher

_____Toh Kaise Hai APP Log!!!______Mini Accounting & Inventory Management Software______

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 1

1.Sales 2.Purchase 3.Payment 4.Receipt 5.Ledger 6.Cash Book 7.Back

Enter Your choice: 4

1.Add 2.List 3.Back
Enter Your Choice: 1

Query Executed Successfully! Successfully Loaded Cash Book! Query Executed Successfully!

Successfully Loaded Receipt's Table! Enter Date (DD-MM-YYYY): 2-4-2023

Date:- 2023-04-02 00:00:00

Voucher Number: 1

Party:- Jainil

Enter Amount: 10000

Query Executed Successfully! Query Executed Successfully! Query Executed Successfully!

Viewing Receipt Voucher

	Toh Kaise	Hai APP Log	j!!! <u></u>					
Mini A	Accounting & Inve	entory Manag	jement Soft	ware				
1.Accounting	2.Invento	ory	3.Masters	4.Exit				
Choose An Option	:1							
1.Sales 2.Purcha	ase 3.Payment	4.Receipt	5.Ledger	6.Cash Book	7.Back			
Enter Your choice	: 4							
1.Add 2.List	3.Back							
Enter Your Choice	: 2							
Query Executed S	uccessfully!							
Successfully Load	ed Receipt's Tab	le!						
++	++-	+						
Receipt_Date	VCH_NO Party	_Name Ar	nount					
++	++-	+	•					
2023-04-02	1 Jai	inil 10	000 I					

Ledger

Toh Kaise Hai APP Log!!! Mini Accounting & Inventory Management Software___ 1.Accounting 4.Exit 2.Inventory 3.Masters Choose An Option: 1 1.Sales 2.Purchase 3.Payment 4.Receipt 5.Ledger 6.Cash Book 7.Back **Enter Your choice: 5** Party:- Jainil +-----+ | Debit_Date | DrPrtcIrs | DrAmount | | Credit_Date | CrPrtcIrs | CrAmount | +-----+ | 2023-04-01 | Sales | 1500 || 2023-04-02 | receipt | 10000 | Account Balance: ₹ 8500.0 Dr.

Cash Book

	Toh Kaise	Hai APP Log	g!!!				
Mini Acco	unting & Inve	entory Manag	jement Soft	ware			
1.Accounting	2.Inventory		3.Masters	4.Exit			
Choose An Option: 1							
1.Sales 2.Purchase	3.Payment	4.Receipt	5.Ledger	6.Cash Book	7.Back		
Enter Your choice: 6							
Query Executed Succe	essfully!						
Successfully Loaded (Cash Book!						
++	+	+	-+				
Debit_Date DrPrtclrs	DrAmount	Credit_Date	CrPrtcIrs C	rAmount			
++	++	+	+				
2023-04-02 Jainil	10000 2	023-04-03	Riya 980	00			
++	++	+	+				
Cash Balance: ₹ 200.0	Cr.						

Adding Production Voucher

Toh Kaise Hai APP Log!!!

Mini Accounting & Inventory Management Software

1.Accounting 2.Inventory 3.Masters 4.Exit

Choose An Option: 2

1.Production 2.Closing Stock 3.Back

Enter Your choice: 1
1.Add 2.List 3.Back
Enter Your choice: 1

Query Executed Successfully!

Successfully Loaded Production Table! Enter Date (DD-MM-YYYY): 4-4-2023

Date:- 2023-04-04 00:00:00 Select Consumption item!

Selected item: Item1
Enter Quantity: 60
Enter Unit: KGS

Query Executed Successfully! Query Executed Successfully!

Do You Want To ADD more Consumption Items?{y,n}: n

Select Generated item!
Selected item: Item2
Enter Quantity: 60
Enter Unit: PCS

Query Executed Successfully! Query Executed Successfully!

Do You Want To ADD more Generated Items?{y,n}: n

Viewing Closing Stock

Toh Kaise Hai APP Log!!!															
1.Accounting	2.Invent	ory	3.Mast	ers	4.Exit										
Choose An Option: 2															
1.Production 2.Clos	ing Stock	3.Back													
Enter Your choice: 2															
Selected item: Item1															
++	+	++	+	+	+	+-	+		+		+				
In_Date Prtcirsin	Qntln Unit	tin Priceir	ı Amount	In Ou	t_Date Pi	rtclrsOut	QntOut	t Uni	tOut	t Pric	ceOut	t A	moun	tOut	
++	+	++	+		+	+		+	+		+				
2023-04-01 Purcha	se 200	KGS	55	11000	2023-04-	01 Sa	ales	15	1	KGS	1	100		1500	-1
2023-04-06 Purcha	se 19	KGS	55	1045	2023-04-0	4 Proc	luction	60	- 1	KGS		1	- 1	1	П
++	+	++	+		+	+		+	+		+				
Closing Stock is : 144	O LINITS														

Future Scope

Future enhancements may include the integration of online transactions, mobile compatibility, and additional reporting features to further extend the software's capabilities.

Bibliography

- https://www.w3schools.com/
- Sultan Chand's Computer Science withPython Textbook for class 12