

DELIMATE

DELIVERY SOLUTIONS



DECLARATION

I, Ronn Mathew Sino hereby declare that the python work entitled Delimate: Delivery Solutions submitted in partial fulfillment of AISSCE examination 2021-2022 under CBSE scheme in Computer Science of class 12 is a bonafide record of the research carried out by me under the guidance of Mrs. BRIGHTY VARGHESE, Mrs. JINCY SWARUP, and Mrs. SOBY SUSAN BABU and no part of it has been subjected for any further studies.

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ACKNOWLEDGEMENT

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INDEX

- Introduction
- System Requirements
- About python
- Data Flow Diagram
- Source Code
- Output
- Conclusion
- Bibliography

INTRODUCTION

The proposed project “DELIMATE” has been developed to overcome the problems faced in the practice of a manual system of delivery.

This program is built to eliminate and, in some cases, reduce the hardships faced by the existing system. One main advantage of the program is that it helps in time management. The primary focus of the program is to increase the efficiency of delivery and to ease the problems faced by the deliverymen. This leads to the harmonic functioning of delivering packages to customers.

This program which has the above-mentioned features has been developed using Python.

SYSTEM REQUIREMENTS

I. Hardware Requirements:

- Processor: Intel Celeron, Pentium, Core i3/i5/i7...
- Memory: 2 GB RAM
- Storage: 120GB

II. Software Specifications:

- Operating System: Windows 7/8.1/10 or higher
- Interpreter: Python IDLE 3.0 or higher

ABOUT PYTHON

Python is a high-level, interpreted, interactive and object-oriented scripting language. Python is designed to be highly readable. It uses English keywords frequently whereas other languages use punctuation, and it has fewer syntactical constructions than other languages.

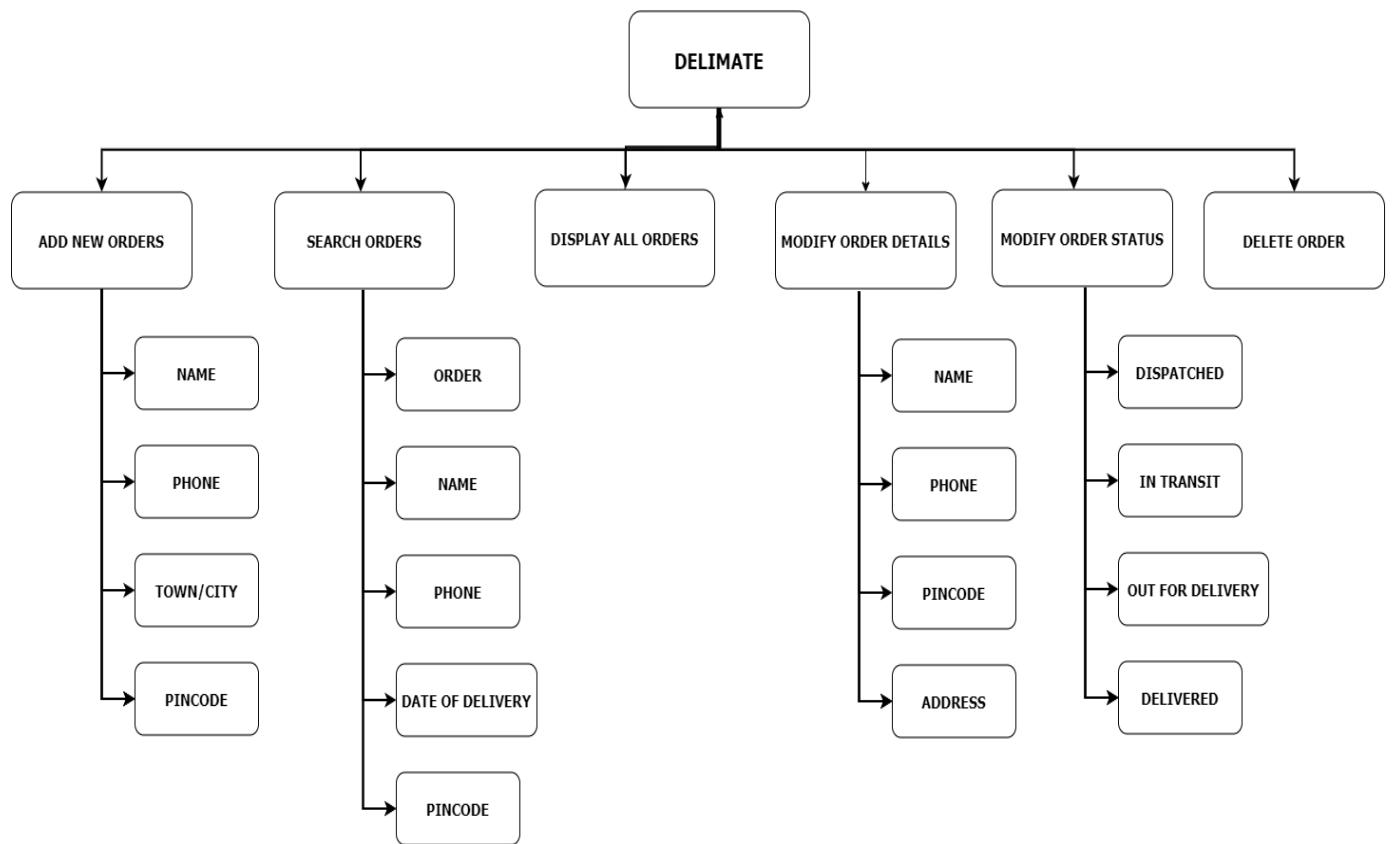
Python was developed by Guido van Rossum in the late eighties and early nineties at the National Research Institute for Mathematics and Computer Science in the Netherlands.

Python is derived from many other languages, including ABC, Modula-3, C, C++, Algol-68, SmallTalk, Unix shell, and other scripting languages.

FEATURES IN PYTHON

- Easy to code: Python is a high-level programming language.
- Free and Open Source
- Object-Oriented Language
- GUI Programming Support
- High-Level Language
- Extensible feature
- Python is a Portable language
- Python is an Integrated language

DATA FLOW DIAGRAM



SOURCE CODE

```

import pickle as p
import sys
import os
from datetime import date,timedelta

def Main_Menu():
    Menu='\\n\
        DeliMate\\n\\n\
        Main Menu\\n\\n\
        1: To Add a New Order.\\n\
        2: To Search The Recievers Details.\\n\
        3: To Display All Existing Orders.\\n\
        4: To Modify Order Details.\\n\
        5: To Modify Order Status.\\n\
        6: To Delete The Order.\\n\
        7: To Exit The Program.'
    while True:
        print(Menu)
        ch=int(input('Enter Your Choice: '))
        if ch==1:
            while True:
                Add()
                ch1=input("Do you want to Add more orders (Y/N): ")
                if ch1.upper()=='Y':
                    continue
                else:
                    break
            print("_"*150,"\\n")
            Main_Menu()
        elif ch==2:
            Search()
            print("_"*150,"\\n")
            Main_Menu()
        elif ch==3:
            Display()
            print("_"*150,"\\n")
            Main_Menu()
        elif ch==4:
            Modify_det()
            print("_"*150,"\\n")
            Main_Menu()
        elif ch==5:
            Modify_status()
            print("_"*150,"\\n")
            Main_Menu()
        elif ch==6:
            Delete()
            print("_"*150,"\\n")
            Main_Menu()
        elif ch==7:
            print("You Have Successfully Exited The Program")
            sys.exit()
        else:
            print("Invalid Choice!\\nPlease Try Again")
            print("_"*150,"\\n")
            Main_Menu()

def Add():
    f=open("dmdb.dat","ab+")
    l=[]

```

```

def Order_no():
    f1=open("dmdb.dat","rb+")
    f2=open("dmdb.dat","ab+")
    order_no=0
    try:
        while True:
            rec=p.load(f1)
            order_no=rec[0]
    except:
        if len(str(order_no))!=4:
            order_no=1000
        else:
            order_no+=1
    l.append(order_no)
    #p.dump(l,f2)
    f1.close()
    f2.close()

Order_no()

def Name():
    nameinput=input("Enter your name: ")
    Name=nameinput.title().strip()
    l.append(Name)

Name()

def Phone_no():
    phone_no= int(input("Enter your Phone Number: +91 "))
    if len(str(phone_no))==10:
        l.append(phone_no)

    else:
        print("\n\t\tInvalid Phone Number, Try again!!")
        Phone_no()

Phone_no()

def Address():
    address=input("Enter your address (House name and Town/City): ")
    l.append(address)

Address()

def Pincode():
    pincode=int(input("Enter your Pincode: "))
    if len(str(pincode))==6:
        l.append(pincode)

    else:
        print("\n\t\tInvalid Pincode, Try again!!")
        Pincode()

Pincode()

def Order_date():

    order_date = str(date.today())
    l.append(order_date)

Order_date()

```

```

def Delivery_date():
    order_date = date.today()
    deli_date = order_date + timedelta(days=7)
    l.append(str(deli_date))
    print("\nYour Order will be delivered on",str(deli_date))

Delivery_date()

def Status():
    status="Ordered"
    l.append(status)

Status()

p.dump(l,f)
f.close()

def Search():
    b="-"*150
    Header='{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'.format\
        ("OrderNo","Name","Phone No.","Address","Pincode","OrderDate",\
        "DeliveryDate","Status")
    def Search_Opt():
        Opt="\n\
        Search using:\n\n\
        1: Order No.\n\
        2: Name\n\
        3: Phone Number\n\
        4: Date of Delivery\n\
        5: Pincode (Area/Locality)\n\
        6: Exit to Main Menu"
        while True:
            print(Opt)
            ch=eval(input("Enter your choice: "))
            if ch==1:
                Search_DB_1()
                print("_"*60,"\n")
                Search_Opt()
            elif ch==2:
                Search_DB_2()
                print("_"*60,"\n")
                Search_Opt()
            elif ch==3:
                Search_DB_3()
                print("_"*60,"\n")
                Search_Opt()
            elif ch==4:
                Search_DB_4()
                print("_"*60,"\n")
                Search_Opt()
            elif ch==5:
                Search_DB_5()
                print("_"*60,"\n")
                Search_Opt()
            elif ch==6:
                print("_"*60,"")
                Main_Menu()
            else:
                print("Invalid Choice!!\nTry Again")
                print("_"*60,"")

```

```

Search_Opt()

def Search_DB_1():
    f1=open("dmdb.dat","rb+")
    orderno=int(input("\nEnter the Order No. to be Searched:"))

    try:
        while True:
            rec=p.load(f1)
            if orderno==rec[0]:
                print("\nDetails of the Order with Order No.%s"%orderno)
                print(b)
                print(Header)
                print(b)
                print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
                    .format(rec[0],rec[1],rec[2],rec[3],rec[4],rec[5],\
                            rec[6],rec[7]))
                break
    except:
        print("\nRecord Not Found!!")

    f1.close()

    print(b)

def Search_DB_2():
    f2=open("dmdb.dat","rb+")
    name_l=input("\nEnter the Name of the customer to be Searched: ")
    name=name_l.title()
    c=0
    try:
        while True:
            rec=p.load(f2)
            if name==rec[1]:
                c+=1
                if c==1:
                    print("\nDetails of the Orders of '%s'"%name)
                    print(b)
                    print(Header)
                    print(b)
                    print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
                        .format(rec[0],rec[1],rec[2],rec[3],rec[4],\
                                rec[5],rec[6],rec[7]))
    except:
        if c==0:
            print("\nRecord Not Found!!")
        else:
            print(b)
    f2.close()

def Search_DB_3():
    f3=open("dmdb.dat","rb+")
    Phone=eval(input("\nEnter the Phone No. of the Customer to be Searched: "))
    c=0
    try:
        while True:
            rec=p.load(f3)
            if Phone==rec[2]:
                c+=1
                if c==1:

```

```

        print("\nDetails of the Orders with Phone No:'%s'"%Phone)
        print(b)
        print(Header)
        print(b)
    print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
          .format(rec[0],rec[1],rec[2],rec[3],rec[4],\
                  rec[5],rec[6],rec[7]))
except:
    if c==0:
        print("\nRecord Not Found!!")
    else:
        print(b)
f3.close()

def Search_DB_4():
    f4=open("dmdb.dat","rb+")
    def Delivery_date():
        try:
            def Day():
                global dd
                dds=str(input("Enter the required day of delivery (dd): "))
                if len(dds)==2:
                    dd=int(dds)

                else:
                    print("\n\t\taInvalid day, Try again!!")
                    Day()

            Day()

            def Month():
                global mm
                mms=str(input("Enter the month of delivery (mm): "))
                if len(mms)==2:
                    mm=int(mms)

                else:
                    print("\n\t\taInvalid month, Try again!!")
                    Month()

            Month()

            def Year():
                global yyyy
                yyyy=int(input("Enter the year (yyyy): "))
                if len(str(yyyy))==4 and yyyy>2021:
                    pass

                else:
                    print("\n\t\taInvalid year, Try again!!")
                    Year()

            Year()

            Date= str(date(yyyy,mm,dd))
            return Date

        except:
            print("\n\t\taInvalid date, Try again!!")
            Delivery_date()

```

```

Date=Delivery_date()

c=0
try:
    while True:
        rec=p.load(f4)
        if Date==rec[6]:
            c+=1
            if c==1:
                print("\nDetails of the Orders to be delivered on '%s' "%Date)
                print(b)
                print(Header)
                print(b)
                print('{:<10}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
                    .format(rec[0],rec[1],rec[2],rec[3],rec[4],\
                            rec[5],rec[6],rec[7]))
            except:
                if c==0:
                    print("\nRecord Not Found!!\n"
                          "Check if the date was entered in the correct format")
            else:
                print(b)
f4.close()

def Search_DB_5():
    f5=open("dmdb.dat","rb+")
    Pincode=int(input("\nEnter the PINCODE of the area of delivery: "))
    c=0
    try:
        while True:
            rec=p.load(f5)
            if Pincode==rec[4]:
                c+=1
                if c==1:
                    print("\nDetails of the Orders\
to be delivered in '%s' "%Pincode)
                    print(b)
                    print(Header)
                    print(b)
                    print('{:<10}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
                        .format(rec[0],rec[1],rec[2],rec[3],rec[4],\
                                rec[5],rec[6],rec[7]))
            except:
                if c==0:
                    print("\nRecord Not Found!!")
                else:
                    print(b)
    f5.close()
Search_Opt()

def Display():
    f=open("dmdb.dat","rb+")
    b="=*150
Header='{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'.format\
        ("OrderNo","Name","Phone No.","Address","Pincode","OrderDate",\
         "DeliveryDate","Status")
    c=0
    try:
        while True:
            c+=1

```

```

rec=p.load(f)
if c==1:
    print(b)
    print(Header)
    print(b)
print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
      .format(rec[0],rec[1],rec[2],rec[3],rec[4],\
              rec[5],rec[6],rec[7]))
except:
    f.close()
f.close()
print(b)

def Modify_det():
b="-"*150
Header='{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'.format\
("OrderNo","Name","Phone No.","Address","Pincode","OrderDate",\
"DeliveryDate","Status")
orderno=int(input("\nEnter the Order No. to be Modified: "))

def Find_order():
f=open("dmdb.dat","rb+")
try:
    while True:
        rec=p.load(f)
        if orderno==rec[0]:
            print("\nDetails of the Order with Order No.%s"%orderno)
            print(b)
            print(Header)
            print(b)
            print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
              .format(rec[0],rec[1],rec[2],rec[3],rec[4],rec[5],\
                      rec[6],rec[7]))
            break
    except:
        print("\nRecord Not Found!!")
        f.close()
        Modify_det()
    f.close()
    print(b)

def Display_mod():
f=open("dmdb.dat","rb+")
try:
    while True:
        rec=p.load(f)
        if orderno==rec[0]:
            print("\nDetails of the Order with Order No.%s"%orderno)
            print(b)
            print(Header)
            print(b)
            print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
              .format(rec[0],rec[1],rec[2],rec[3],rec[4],rec[5],\
                      rec[6],rec[7]))
            break
    except:
        f.close()
    f.close()
    print(b)

def Modify_Opt():

```

```

Opt="\n\
Select the Detail to be Modified:\n\n\
1: Name\n\
2: Phone Number\n\
3: Pincode (Area/Locality)\n\
4: Address\n\
5: Exit to Main Menu"
while True:
    print(Opt)
    ch=eval(input("Enter your choice: "))
    if ch==1:
        Modify_DB_1()
        print("*60,\n")
        Modify_Opt()
    elif ch==2:
        Modify_DB_2()
        print("*60,\n")
        Modify_Opt()
    elif ch==3:
        Modify_DB_3()
        print("*60,\n")
        Modify_Opt()
    elif ch==4:
        Modify_DB_4()
        print("*60,\n")
        Modify_Opt()
    elif ch==5:
        print("*60,\n")
        Main_Menu()
    else:
        print("Invalid Choice!!\nTry Again")
        print("*60,\n")
        Modify_Opt()

def Modify_DB_1():
    f1=open("dmdb.dat","rb+")
    tmp=open("temp.dat","wb+")
    Name_in=input("Enter the new name: ")
    Name=Name_in.title().strip()
    try:
        while True:
            #rpos=f1.tell()
            rec=p.load(f1)
            if rec[0]==orderno:
                rec[1]=Name
                #f1.seek(rpos,0)
                p.dump(rec,tmp)
                print("\nOrder Successfully Modified!!")
                continue
            else:
                p.dump(rec,tmp)
    except:
        f1.close()
        tmp.close()
    f1.close()
    tmp.close()
    os.remove("dmdb.dat")
    os.rename("temp.dat","dmdb.dat")
    Display_mod()
    print(b)

```

```

def Modify_DB_2():
    f2=open("dmdb.dat","rb+")
    tmp=open("temp.dat","wb+")
    def Phone_no():
        phone_no= int(input("Enter the new Phone Number: +91 "))
        if len(str(phone_no))==10:
            Phone=phone_no
            return Phone
        else:
            print("\n\t\taInvalid Phone Number, Try again!!")
            return None
    Phone=Phone_no()
    while Phone==None:
        Phone=Phone_no()
    try:
        while True:
            #rpos=f2.tell()
            rec=p.load(f2)
            if rec[0]==orderno:
                rec[2]=Phone
                #f2.seek(rpos,0)
                p.dump(rec,tmp)
                print("\nOrder Successfully Modified!!")
                continue
            else:
                p.dump(rec,tmp)
    except:
        f2.close()
        tmp.close()
    f2.close()
    tmp.close()
    os.remove("dmdb.dat")
    os.rename("temp.dat","dmdb.dat")
    Display_mod()
    print(b)

def Modify_DB_3():
    f3=open("dmdb.dat","rb+")
    tmp=open("temp.dat","wb+")
    def Pin_code():
        pincode=int(input("Enter the new Pincode: "))
        if len(str(pincode))==6:
            Pincode=pincode
            return Pincode

        else:
            print("\n\t\taInvalid Pincode, Try again!!")
            return None

    Pincode=Pin_code()
    while Pincode==None:
        Pincode=Pin_code()
    try:
        while True:
            #rpos=f3.tell()
            rec=p.load(f3)
            if rec[0]==orderno:
                rec[4]=Pincode
                #f3.seek(rpos,0)
                p.dump(rec,tmp)
                print("\nOrder Successfully Modified!!")

```

```

        continue
    else:
        p.dump(rec,tmp)
except:
    f3.close()
    tmp.close()
f3.close()
tmp.close()
os.remove("dmdb.dat")
os.rename("temp.dat","dmdb.dat")
Display_mod()
print(b)

def Modify_DB_4():
    f4=open("dmdb.dat","rb+")
    tmp=open("temp.dat","wb+")
    def Address():
        address=input("Enter the new address (House name and Town/City): ")
        return address

    Address=Address()
    try:
        while True:
            #rpos=f4.tell()
            rec=p.load(f4)
            if rec[0]==orderno:
                rec[3]=Address
                #f4.seek(rpos,0)
                p.dump(rec,tmp)
                print("\nOrder Successfully Modified!!")
                continue
            else:
                p.dump(rec,tmp)
    except:
        f4.close()
        tmp.close()
    f4.close()
    tmp.close()
    os.remove("dmdb.dat")
    os.rename("temp.dat","dmdb.dat")
    Display_mod()
    print(b)
Find_order()
Modify_Opt()

def Modify_status():
    b="-"*150
    Header='{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'.format\
        ("OrderNo","Name","Phone No.","Address","Pincode","OrderDate",\
         "DeliveryDate","Status")
    orderno=int(input("\nEnter the Order No. : "))
    def Find_order():
        f=open("dmdb.dat","rb+")
        try:
            while True:
                rec=p.load(f)
                if orderno==rec[0]:
                    print("\nDetails of the Order with Order No.'%s' "%orderno)
                    print(b)
                    print(Header)
                    print(b)

```

```

        print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
              .format(rec[0],rec[1],rec[2],rec[3],rec[4],rec[5],\
              rec[6],rec[7]))
    break
except:
    print("\nRecord Not Found!!")
    f.close()
    Modify_status()
f.close()
print(b)

def Display_mod():
    f=open("dmdb.dat","rb+")
    try:
        while True:
            rec=p.load(f)
            if orderno==rec[0]:
                print("\nDetails of the Order with Order No. '%s' "%orderno)
                print(b)
                print(Header)
                print(b)
                print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
                      .format(rec[0],rec[1],rec[2],rec[3],rec[4],rec[5],\
                      rec[6],rec[7]))
            break
    except:
        f.close()
    f.close()
    print(b)

def Status_Opt():
    Opt="\n"
    Choose the Current Status of the Order:\n\n\
    1: Dispatched\n\
    2: In Transit\n\
    3: Out for Delivery\n\
    4: Delivered\n\
    5: Exit to Main Menu"
    while True:
        print(Opt)
        ch=eval(input("Enter your choice: "))
        if ch==1:
            status="Dispatched"
            break
        elif ch==2:
            status="In Transit"
            break
        elif ch==3:
            status="Out for Delivery"
            break
        elif ch==4:
            status="Delivered"
            break
        elif ch==5:
            Main_Menu()
        else:
            Status_Opt()
f1=open("dmdb.dat","rb+")
tmp=open("temp.dat","wb+")
try:
    while True:

```

```

#rpos=f1.tell()
rec=p.load(f1)
if rec[0]==orderno:
    rec[7]=status
    #f1.seek(rpos,0)
    p.dump(rec,tmp)
    print("\nStatus Updated Successfully!!")
    continue
else:
    p.dump(rec,tmp)
except:
    f1.close()
    tmp.close()
f1.close()
tmp.close()
os.remove("dmdb.dat")
os.rename("temp.dat","dmdb.dat")
Display_mod()
print(b)
Find_order()
Status_Opt()

def Delete():
    f=open("dmdb.dat","rb+")
    temp=open("temp.dat","wb+")
    orderno=int(input("\nEnter the order no to be deleted: "))
    b="-"*150
    Header='{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'.format\
        ("OrderNo","Name","Phone No.","Address","Pincode","OrderDate",\
         "DeliveryDate","Status")

    def Find_order():
        f1=open("dmdb.dat","rb+")
        try:
            while True:
                rec=p.load(f1)
                if orderno==rec[0]:
                    print("\nDetails of the Order with Order No.'%s'"%orderno)
                    print(b)
                    print(Header)
                    print(b)
                    print('{:<10}{:<16}{:<14}{:<16}{:<12}{:<16}{:<16}{:<16}'\
                        .format(rec[0],rec[1],rec[2],rec[3],rec[4],rec[5],\
                                rec[6],rec[7]))
                    break
            except:
                print("\nRecord Not Found!!")
                f1.close()
                Delete()
        f1.close()
        print(b)

    Find_order()

    try:
        while True:
            rec=p.load(f)
            if rec[0]==orderno:
                continue
            else:
                p.dump(rec,temp)

```

```
except:  
    f.close()  
    temp.close()  
  
f.close()  
temp.close()  
  
os.remove("dmdb.dat")  
os.rename("temp.dat","dmdb.dat")  
print("\nRecord Deleted Sucessfully!!\n")  
Display()  
  
Main_Menu()
```

OUTPUT

DeliMate
Main Menu
1: To Add a New Order.
2: To Search The Recievers Details.
3: To Display All Existing Orders.
4: To Modify Order Details.
5: To Modify Order Status.
6: To Delete The Order.
7: To Exit The Program.

Enter Your Choice: 1

Enter your name: Adit Narayan

Enter your Phone Number: +91 858687322

Invalid Phone Number, Try again!!

Enter your Phone Number: +91 8586873221

Enter your address (House name and Town/City): Indore

Enter your Pincode: 451011

Your Order will be delivered on 2022-02-12

Do you want to Add more orders (Y/N): n

DeliMate
Main Menu
1: To Add a New Order.
2: To Search The Recievers Details.
3: To Display All Existing Orders.
4: To Modify Order Details.
5: To Modify Order Status.
6: To Delete The Order.
7: To Exit The Program.

Enter Your Choice: 2

Search using:

- 1: Order No.
- 2: Name
- 3: Phone Number
- 4: Date of Delivery
- 5: Pincode (Area/Locality)
- 6: Exit to Main Menu

Enter your choice: 1

Enter the Order No. to be Searched: 1001

Details of the Order with Order No.'1001'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1001	Ravi Kumar	7890112112	Hyderabad	500016	2022-02-04	2022-02-11	In Transit

Search using:

- 1: Order No.
- 2: Name
- 3: Phone Number
- 4: Date of Delivery
- 5: Pincode (Area/Locality)
- 6: Exit to Main Menu

Enter your choice: 2

Enter the Name of the customer to be Searched: Chris Evan

Details of the Orders of'Chris Evan'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1012	Chris Evan	8765122312	Adoor	689112	2022-02-04	2022-02-11	Ordered

Search using:

- 1: Order No.
- 2: Name
- 3: Phone Number
- 4: Date of Delivery
- 5: Pincode (Area/Locality)
- 6: Exit to Main Menu

Enter your choice: 3

Enter the Phone No. of the Customer to be Searched: 9676543343

Details of the Orders with Phone No: '9676543343'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1003	Amy Mathews	9676543343	Fort Kochi	682001	2022-02-01	2022-02-07	Ordered
1008	Benny Thomas	9676543343	Fort Kochi	682001	2022-02-05	2022-02-28	Dispatched

Search using:

- 1: Order No.
- 2: Name
- 3: Phone Number
- 4: Date of Delivery
- 5: Pincode (Area/Locality)
- 6: Exit to Main Menu

Enter your choice: 4

Enter the required day of delivery (dd): 11

Enter the month of delivery (mm): 02

Enter the year (yyyy): 2022

Details of the Orders to be delivered on'2022-02-11'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1000	John Mathew	9876543278	New Delhi	145682	2022-02-04	2022-02-11	Dispatched
1001	Ravi Kumar	7890121112	Hyderabad	500016	2022-02-04	2022-02-11	In Transit
1002	Farhan Ali	9876543121	Chennai	600018	2022-02-04	2022-02-11	Ordered
1010	Aishwarya Pillai	8676543993	Thiruvalla	689101	2022-02-04	2022-02-11	Ordered
1011	James Geo	8921134471	Aluva	686101	2022-02-04	2022-02-11	Ordered
1012	Chris Evan	8765122312	Adoor	689112	2022-02-04	2022-02-11	Ordered

Search using:

- 1: Order No.
- 2: Name
- 3: Phone Number
- 4: Date of Delivery
- 5: Pincode (Area/Locality)
- 6: Exit to Main Menu

Enter your choice: 5

Enter the PINCODE of the area of delivery: 689101

Details of the Orders to be delivered in'689101'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1010	Aishu Pillai	8676543993	Thiruvalla	689101	2022-02-04	2022-02-11	Ordered

Search using:

- 1: Order No.
- 2: Name
- 3: Phone Number
- 4: Date of Delivery
- 5: Pincode (Area/Locality)
- 6: Exit to Main Menu

Enter your choice: 6

```

DeliMate
Main Menu
1: To Add a New Order.
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5: To Modify Order Status.
6: To Delete The Order.
7: To Exit The Program.

Enter Your Choice: 3
=====
OrderNo Name Phone No. Address Pincode OrderDate DeliveryDate Status
=====
1000 John Mathew 9876543278 New Delhi 145682 2022-02-04 2022-02-11 Dispatched
1001 Ravi Kumar 7890112112 Hyderabad 500016 2022-02-04 2022-02-11 In Transit
1002 Farhan Ali 9876543121 Chennai 600018 2022-02-04 2022-02-11 Ordered
1003 Amy Mathews 9676543343 Fort Kochi 682001 2022-02-01 2022-02-07 Ordered
1004 Devika Kumari 8976545549 Kollam 601921 2022-01-16 2022-02-03 Delivered
1005 Blessom Jerry 8776545549 Changannacherry 686101 2021-12-16 2022-02-13 In Transit
1006 Fathima Farhan 7558545549 Calicut 673001 2022-01-04 2022-01-31 Delivered
1007 Denny Elish 6981540949 Erode 638001 2022-02-01 2022-02-05 Out for Delivery
1008 Benny Thomas 9676543343 Fort Kochi 682001 2022-02-05 2022-02-28 Dispatched
1009 Krishnan Nair 6676543789 Alappuzha 688004 2022-02-15 2022-03-28 Ordered
1010 Aishu Pillai 8676543993 Thiruvalla 689101 2022-02-04 2022-02-11 Ordered
1011 James Geo 8921134471 Aluva 686101 2022-02-04 2022-02-11 Ordered
1012 Chris Evan 8765122312 Adoor 689112 2022-02-04 2022-02-11 Ordered
=====

DeliMate
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Enter Your Choice: 4

Enter the Order No. to be Modified: 1011
Details of the Order with Order No.'1011'
=====
OrderNo Name Phone No. Address Pincode OrderDate DeliveryDate Status
=====
1011 James Geo 8921134471 Aluva 686101 2022-02-04 2022-02-11 Ordered
=====

Select the Detail to be Modified:
1: Name
2: Phone Number
3: Pincode (Area/Locality)
4: Address
5: Exit to Main Menu

Enter your choice: 1

Enter the new name: Geo James
Order Successfully Modified!!

Details of the Order with Order No.'1011'
=====
OrderNo Name Phone No. Address Pincode OrderDate DeliveryDate Status
=====
1011 Geo James 8921134471 Aluva 686101 2022-02-04 2022-02-11 Ordered
=====

Select the Detail to be Modified:
1: Name
2: Phone Number
3: Pincode (Area/Locality)
4: Address
5: Exit to Main Menu

Enter your choice: 2

Enter the new Phone Number: +91 9988776655
Order Successfully Modified!!

Details of the Order with Order No.'1011'
=====
OrderNo Name Phone No. Address Pincode OrderDate DeliveryDate Status
=====
1011 Geo James 9988776655 Aluva 686101 2022-02-04 2022-02-11 Ordered
=====
```

Select the Detail to be Modified:

- 1: Name
- 2: Phone Number
- 3: Pincode (Area/Locality)
- 4: Address
- 5: Exit to Main Menu

Enter your choice: 3

Enter the new Pincode: 686104

Order Successfully Modified!!

Details of the Order with Order No.'1011'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1011	Geo James	9988776655	Aluva	686104	2022-02-04	2022-02-11	Ordered

Select the Detail to be Modified:

- 1: Name
- 2: Phone Number
- 3: Pincode (Area/Locality)
- 4: Address
- 5: Exit to Main Menu

Enter your choice: 4

Enter the new address (House name and Town/City): Angamaly

Order Successfully Modified!!

Details of the Order with Order No.'1011'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1011	Geo James	9988776655	Angamaly	686104	2022-02-04	2022-02-11	Ordered

DeliMate

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- 5: To Modify Order Status.
- 6: To Delete The Order.
- 7: To Exit The Program.

Enter Your Choice: 5

Enter the Order No. : 1010

Details of the Order with Order No.'1010'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1010	Aishu Pillai	8676543993	Thiruvalla	689101	2022-02-04	2022-02-11	Ordered

Choose the Current Status of the Order:

- 1: Dispatched
- 2: In Transit
- 3: Out for Delivery
- 4: Delivered
- 5: Exit to Main Menu

Enter your choice: 2

Status Updated Successfully!!

Details of the Order with Order No.'1010'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1010	Aishu Pillai	8676543993	Thiruvalla	689101	2022-02-04	2022-02-11	In Transit

DeliMate

Main Menu

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- 5: To Modify Order Status.
- 6: To Delete The Order.
- 7: To Exit The Program.

Enter Your Choice: 6

Enter the order no to be deleted: 1013

Details of the Order with Order No.'1013'

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1013	Adit Narayan	8586873221	Indore	451011	2022-02-05	2022-02-12	Ordered

Record Deleted Sucessfully!!

OrderNo	Name	Phone No.	Address	Pincode	OrderDate	DeliveryDate	Status
1000	John Mathew	9876543278	New Delhi	145682	2022-02-04	2022-02-11	Dispatched
1001	Ravi Kumar	7890112112	Hyderabad	500016	2022-02-04	2022-02-11	In Transit
1002	Farhan Ali	9876543121	Chennai	600018	2022-02-04	2022-02-11	Ordered
1003	Amy Mathews	9676543343	Fort Kochi	682001	2022-02-01	2022-02-07	Ordered
1004	Devika Kumari	8976545549	Kollam	601021	2022-01-16	2022-02-03	Delivered
1005	Blesson Jerry	8776545549	Changanacherry	686101	2021-12-16	2022-02-13	In Transit
1006	Fathima Farhan	7558545549	Calicut	673001	2022-01-04	2022-01-31	Delivered
1007	Denny Elish	6981540949	Erode	638001	2022-02-01	2022-02-05	Out for Delivery
1008	Benny Thomas	9676543343	Fort Kochi	682001	2022-02-05	2022-02-28	Dispatched
1009	Krishnan Nair	6676543789	Alappuzha	688004	2022-02-15	2022-03-28	Ordered
1010	Aishu Pillai	8676543993	Thiruvalla	689101	2022-02-04	2022-02-11	In Transit
1011	Geo James	9988776655	Angamaly	686104	2022-02-04	2022-02-11	Ordered
1012	Chris Evan	8765122312	Adoor	689112	2022-02-04	2022-02-11	Ordered

DeliMate

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- 7: To Exit The Program.

Enter Your Choice: 7

You Have Successfully Exited The Program

CONCLUSION

This project has been done successfully using the programming language and output has been verified. Through this project, we were able to learn about delivery management systems and data file handling concepts. This project has helped us to get a deeper knowledge of the Python programming language.

This project was compiled and rectified of all errors.

BIBLIOGRAPHY

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