CERTIFICATE

This is to certify that SACHIN of class 12th A has successfully completed his practical file on the topic *GROCERY SHOPPING COMPLEX SYSTEM* as prescribed by *Ms. Shweta Sharma* during the academic year (2021-22) as per the guidelines given by CBSE.

Sign                                    Sign of external

Teacher’s name  
(Ms. Sweta sharma )

|  |  |  |
| --- | --- | --- |
| **TABLE OF CONTENTS** | | |
| **S No** | **DESCRIPTION** | **Remark** |
| 01 | ACKNOWLEDGEMENT |  |
| 02 | INTRODUCTION |  |
| 03 | OBJECTIVES OF THE PROJECT |  |
| 04 | PROPOSED SYSTEM |  |
| 05 | SYSTEM DEVELOPMENT LIFE CYCLE (SDLC) |  |
| 06 | PHASES OF SYSTEM DEVELOPMENT LIFE CYCLE |  |
| 07 | FLOW CHART |  |
| 08 | SOURCE CODE |  |
| 09 | OUTPUT |  |
| 10 | TESTING |  |
| 11 | HARDWARE AND SOFTWARE REQUIREMENTS |  |
| 12 | BIBLIOGRAPHY |  |

Project On Grocery Shopping Complex

Management System

### **INTRODUCTION**

This program helps the users to add a DATA of customers of all those who does shopping. Today’s world is full of completions and the only winner of this race is the one who challenges everybody in that specific field.

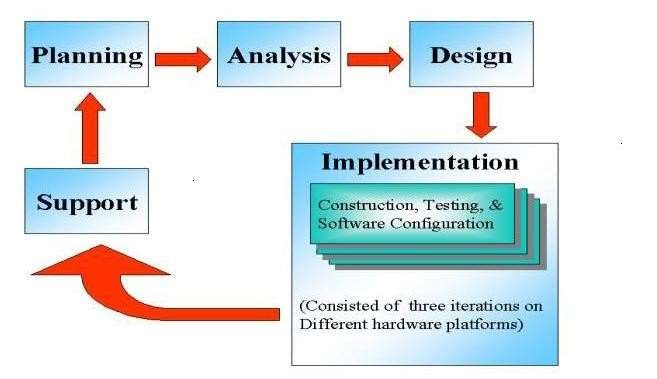
This program is one example of how one shop can be deferent in function from the other.

### OBJECTIVES OF THE PROJECT

The objective of this project is to let the students apply the programming knowledge into a real- world situation/problem and exposed the students how programming skills helps in developing a good software.

1. Write programs utilizing modern software tools.
2. Apply object oriented programming principles effectively when developing small to medium sized projects.
3. Write effective procedural code to solve small to medium sized problems.
4. Students will demonstrate a breadth of knowledge in computer science, as exemplified in the areas of systems, theory and software development.
5. Students will demonstrate ability to conduct a research or applied Computer Science project, requiring writing and presentation skills which exemplify scholarly style in computer science

SYSTEM DEVELOPMENT LIFE C YC L E



The systems development life cycle is a project management technique that divides complex projects into smaller, more easily managed segments or phases. Segmenting projects allows managers to verify the successful completion of project phases before allocating resources to subsequent phases.

Software development projects typically include initiation, planning, design, development, testing, implementation, and maintenance phases. However, the phases may be divided differently depending on the organization involved.

For example, initial project activities might be designated as request, requirements-definition, and planning phases, or initiation, concept-development, and planning phases. End users of the system under development should be

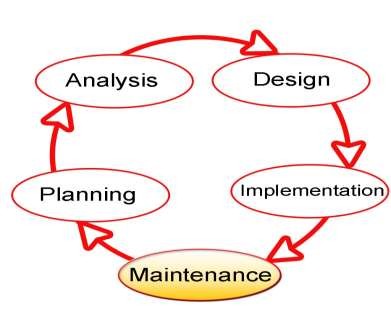
involved in reviewing the output of each phase to ensure the system is being built to

deliver the needed functionality

# PICTORIAL REPRESENTATION OF SDLC

( SYSTEM DEVELOPMENT LIFE CYCLE )

PLANNING PHASE



The planning phase is the most critical step in completing development, acquisition, and maintenance projects. Careful planning, particularly in the early stages of a project, is necessary to coordinate activities and manage project risks effectively. The depth and formality of project plans should be commensurate with the characteristics and risks of a given project. Project plans refine the information gathered during the initiation phase by further identifying the specific activities and resources required to complete a project.

A critical part of a project manager’s job is to coordinate discussions between user, audit, security, design, development, and network personnel to identify and document as many functional, security, and network requirements as possible. During this phase, a plan is developed that documents the approach to be used and includes a discussion of methods, tools, tasks, resources, project schedules, and user input. Personnel assignments, costs, project schedule, and target dates are established.

A Project Management Plan is created with components related to acquisition planning, configuration management planning, quality assurance planning, concept of operations, system security, verification and validation, and systems engineering management planning.

### REQUIREMENTS ANALYSIS PHASE

This phase formally defines the detailed functional user requirements using high-level requirements identified in the Initiation, System Concept, and Planning phases. It also delineates the requirements in terms of data, system performance, security, and maintainability requirements for the system. The requirements are defined in this phase to a level of detail sufficient for systems design to proceed. They need to be measurable, testable, and relate to the business need or opportunity identified in the Initiation Phase. The requirements that will be used to determine acceptance of the system are captured in the Test and Evaluation Master Plan.

The purposes of this phase are to:

Further define and refine the functional and data requirements and document

them in the Requirements Document,

Complete business process reengineering of the functions to be supported (i.e., verify what information drives the business process, what information is generated, who generates it, where does the information go, and who processes it),

Develop detailed data and process models (system inputs, outputs, and the process.

Develop the test and evaluation requirements that will be used to determine

acceptable system performance**.**

DESIGN PHASE

The design phase involves converting the informational, functional, and network requirements identified during the initiation and planning phases into unified design specifications that developers use to script programs during the development phase. Program designs are constructed in various ways. Using a top-down approach, designers first identify and link major program components and interfaces, then expand design layouts as they identify and link smaller subsystems and connections. Using a bottom-up approach, designers first identify and link minor program components and interfaces, then expand design layouts as they identify and link larger systems and connections. Contemporary design techniques often use prototyping tools that build mock-up designs of items such as application screens, database layouts, and system architectures. End users, designers, developers, database managers, and network administrators should review and refine the prototyped designs in an iterative process until they agree on an acceptable design. Audit, security, and quality assurance personnel should be involved in the review and approval process. During this phase, the system is designed to satisfy the functional requirements identified in the previous phase. Since problems in the design phase could be very expensive to solve in the later stage of the software development, a variety of elements are considered in the design to mitigate risk. These include:

Identifying potential risks and defining mitigating design features.

Performing a security risk assessment.

Developing a conversion plan to migrate current data to the new system. Determining the operating environment.

Defining major subsystems and their inputs and outputs. Allocating processes to resources.

Preparing detailed logic specifications for each software module. The result is a draft System Design Document which captures the preliminary design for the system.

Everything requiring user input or approval is documented and reviewed by

the user. Once these documents have been approved by the Agency CIO and

Business Sponsor, the final System Design Document is created to serve as the Critical/Detailed Design for the system.

This document receives a rigorous review by Agency technical and functional representatives to ensure that it satisfies the business requirements. Concurrent with the development of the system design, the Agency Project Manager begins development of the Implementation Plan, Operations and Maintenance Manual, and the Training Plan.

### DEVELOPMENT PHASE

The development phase involves converting design specifications into executable programs. Effective development standards include requirements that programmers and other project participants discuss design specifications before programming begins. The procedures help ensure programmers clearly understand program designs and functional requirements. Programmers use various techniques to develop computer programs. The large transaction oriented programs associated with financial institutions have traditionally been developed using procedural programming techniques. Procedural programming involves the line-by-line scripting of logical instructions that are combined to form a program. Effective completion of the previous stages is a key factor in the success of the Development phase. The Development phase consists of:

Translating the detailed requirements and design into system components. Testing individual elements (units) for usability.

Preparing for integration and testing of the IT system.

### INTEGRATION AND TEST PHASE

Subsystem integration, system, security, and user acceptance testing is conducted during the integration and test phase. The user, with those responsible for quality assurance, validates that the functional requirements, as defined in the functional requirements document, are satisfied by the developed or modified system. OIT Security staff assesses the system.

**Multiple levels of testing are performed, including**:

Testing at the development facility by the contractor and possibly supported

by end users

Testing as a deployed system with end users working together with contract personnel

Operational testing by the end user alone performing all functions. Requirements are traced throughout testing, a final Independent Verification & Validation evaluation is performed and all documentation is reviewed and accepted prior to acceptance of the system.

### IMPLEMENTATION PHASE

This phase is initiated after the system has been tested and accepted by the user. In this phase, the system is installed to support the intended business functions. System performance is compared to performance objectives established during the planning phase. Implementation includes user notification, user training, installation of hardware, installation of software onto production computers, and integration of the system into daily work processes. This phase continues until the system is operating in production in accordance with the defined user requirements.

### OPERATIONS AND MAINTENANCE PHASE

The system operation is on-going. The system is monitored for continued performance in accordance with user requirements and needed system modifications are incorporated. Operations continue as long as the system can be effectively adapted to respond to the organization’s needs. When modifications or changes are identified, the system may re-enter the planning phase.

***The purpose of this phase is to:***

Operate, maintain, and enhance the system.

Certify that the system can process sensitive information.

Conduct periodic assessments of the system to ensure the functional requirements continue to be satisfied.

Determine when the system needs to be modernized, replaced, or retired

INTRODUCTION

* Today’s world is full of competitions, and in this race the winner is only who has mastered the art of Time Management, Speed And Smart Work Style.
* There are many Grocery Shopping Complex SYSTEMs in this world but the best of all is the one which satisfy all above criteria.

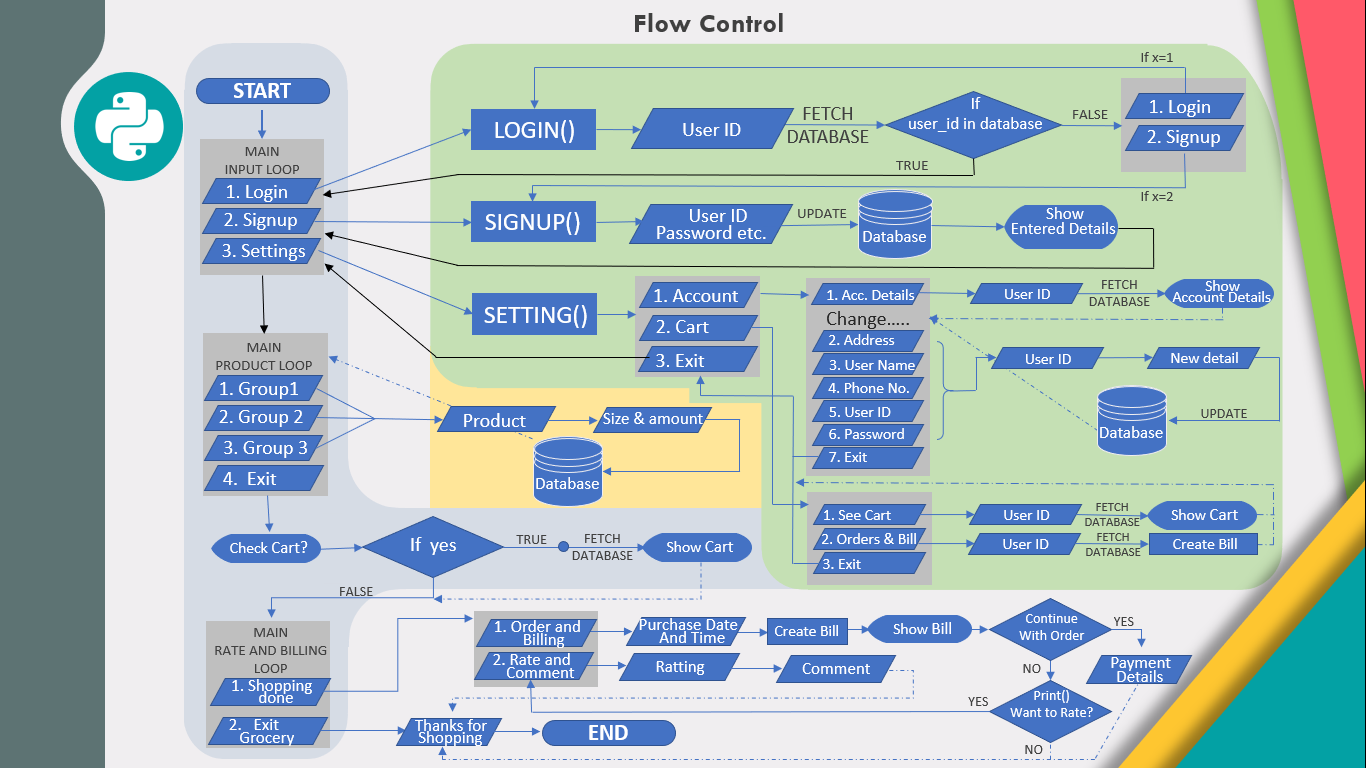
## The computers in this world are taking various heights today, they are present from school using database to very high businessmen people.

* This is Grocery Shopping Complex Management System database created for saving time for customers, this makes sufficient management of the store.

## This is Grocery Shopping Complex Management System database management programmed where data of customers are collected and stored in MYSQL.

* Further if in any case the data of any specific customer is to be revealed, one can get access of data from database.

Flow Diagram Of Whole Program



**ALL FUNCTION USED IN PROGRAM**

* Again()
* Login()
* Signup()
* Setting()
* Userchange()
* Table()
* Rate()
* Bill()
* Comment()

**MODULES USED**

* Tabulate
* Datetime

### # PROGRAM SOURCE CODE

# WELCOME TO OUR PROJECT THIS PROGRAM IS BASED ON SHOPPING AND BILLING PROGRAM

# IF YOU LIKE IT PLEASE BLESS OUR TEAM HARD WHICH IS POSSIBLE TO MADE THIS PROGRAMM

import mysql.connector as c

con=c.connect(host="localhost",user="root",passwd="191005",database="grocery")

co=con.cursor()

co.execute("use grocery")

# FOR LOGIN, SINGUP, SETTING FUNCTION

def again():

    while True:

        print("\n━━━━━━━━━━━━━━━\n1.Login To Account 🤞")

        print("2.Create a New Account 🤝")

        print("3.Setting Menu ⚙\n4.Exit From Program 🚪\n━━━━━━━━━━━━━━━")

        choice=int(input("Enter your choice 👉 "))

        if choice==2:

            signup()

            break

            # For signup()

        elif choice==1:

            login()

            break

            # For login()

        elif choice==3:

            setting()

            break

            # For setting

        elif choice==4:

            print("\n                 Notification            ")

            print(" ------------------------------------------\n Are you Sure You Want to Exit from Grocery ")

            print(" Shopping Complex. \n")

            print("                     (Y) Yes ✔️   (N) No ❌\n --------------------------------------------\n")

            sur=input("Enter Your Choice 👉 ")

            while True:

                if sur in 'Nn':

                    again()

                    break

                elif sur in 'Yy':

                    print("\n            Your Request Accepted ✔️✔️✔️ ")

                    print(" Please Visit Again To Our Grocery Shopping Complex\n\n")

                    exit()

                    break

                else:

                    print("!!!..Invalid Choice Entered..!!!\nPlease Enter Valid Choice from the Following\n")

        else :

            print("!!!..Invalid Choice Entered..!!!")

        return

# LOGIN FUNCTION START FROM HERE

def login():

    global user\_id1

    print("\nTo Login In Your Please Enter Your User\_ID and Password")

    print("━"\*31,"\n")

    user\_id1=input("Enter your User\_ID 👉 ")

    passwd=input("Enter Your password 👉 ")

    SELECT="select \* from grocery1 where user\_id="+"'"+user\_id1+"'"+" and password="+"'"+passwd+"'"+";"

    global co

    co.execute(SELECT)

    b=co.fetchone()

    if b is None :

        print("\n❌❌ Invalid User\_Id and Password ❌❌\n----------------------------------------")

        while True:

            print("Press (0) To Create new account\nPress (1) For Re-login in account\nPress (2) Return To Home Page\n-------------------------------------------")

            ch=int(input("Enter your choice 👉 "))

            if ch==0:

                signup()

                break

            if ch==1:

                login()

                break

            if ch==2:

                again()

                break

    else:

        co=con.cursor()

        c='y'

        while c.lower()=='y':

            print("\nAccount Logged successfully.. ✔️✔️✔️\n")

            print("\_"\*72,"\n~~~~~~~ WELCOME TO THE SNACKS SECTION OF GROCERY SHOPPING COMPLEX

            print("━"\*40,"\n")

            break

# SIGNUP FUNCTION START FROM HERE

def signup():

    global user\_id1

    print("\nTo create Your account Please Enter User id and Password")

    print("━"\*32,"\n")

    co=con.cursor()

    Name=input("Enter Your Full Name 👉 ")

    user\_id1=input("Create your User\_Id 👉 ")

    password=input("Create your Strong Passsword 👉 ")

    print("\nSelect Your Gender\nPress (M) For Male 🧔\nPress (F) For Female 👩\nPress (O) For Other ⚧\n")

    gender=input("Enter your gender 👉 ")

    phone\_no=int(input("Enter your phone 👉 "))

    address=input("Enter Your Full Delivery Address 👉 ")

    print("")

    co=con.cursor()

    update="insert into grocery1 values('{}','{}','{}','{}',{},'{}')".format(user\_id1,password,Name,gender,phone\_no,address)

    co.execute(update)

    co.execute("select \*from grocery1 where user\_id="+"'"+user\_id1+"'"+";")

    a=co.fetchall()

    con.commit()

    from tabulate import tabulate

    headers=["User\_id","Password","Name","Gender","Phone\_no","Address"]

    print(tabulate(a,headers=headers,tablefmt="psql"))

    print("\nAccount Created successfully.. ✔️✔️✔️\n")

    print("\_"\*72,"\n~~~~~~~ WELCOME TO THE SNACKS SECTION OF GROCERY SHOPPING COMPLEX ~~~~~~")

    print("━"\*40,"\n")

    return

# SETTING FUNCTION START FROM HERE

def table():

    global user\_id1

    co.execute("select \*from grocery1 where user\_id="+"'"+user\_id1+"'"+";")

    a=co.fetchall()

    con.commit()

    from tabulate import tabulate

    headers=["User\_id","Password","Name","Gender","Phone\_no","Address"]

    print(tabulate(a,headers=headers,tablefmt="psql"))

    print("")

    setting()

    return

def userchange():

    global user\_id1

    Name=input("Enter your User Name 👉 ")

    user\_id1=input("Enter your New User-ID 👉 ")

    print("")

    query="update grocery1 set user\_id='{}' where Name='{}';".format(user\_id1,Name)

    co.execute(query)

    con.commit()

    print("User\_ID Updated Successfully..✔️✔️✔️\n")

    table()

    return

def setting():

    global user\_id1

    user\_id1=input("Enter your  Account User-ID 👉 ")

    SELECT="select \* from grocery1 where user\_id="+"'"+user\_id1+"'"+" ;"

    global co

    co.execute(SELECT)

    b=co.fetchone()

    if b is None :

        print("\n❌❌ Invalid User\_ID Entered ❌❌\n","-"\*40,"\n")

        while True:

            print("Press (1) To Change Your User\_ID\nPress (0) To Re-Enter Your User\_ID\n","-"\*37,"\n")

            ch=int(input("Enter your choice 👉 "))

            if ch==1:

                userchange()

                break

            if ch==0:

                setting()

                break

    else:

        co=con.cursor()

        c='y'

        while c.lower()=='y':

            while True:

                print("\n━━━━━━━━━━━━━━━━━━━━━")

                print("Press (1) For Account Related Query 👥\nPress (2) Cart Related Query 🛒\nPress (3) Go To Home Page ")

                print("━"\*21)

                se=int(input("Enter your Choice 👉 "))

                if se==1:

                    while True:

                        print("\npress (1) Fetch Account Details \nPress (2) To Change Address\nPress (3) To Change User Name\nPress (4) To Change Phone Number\nPress (5) To Change Password\nPress (6) For Exit\n")

                        lol=int(input("Enter Your Choice 👉 "))

                        if lol==2:

                            co=con.cursor()

                            address=input("Enter Your Address Details 👉 ")

                            co.execute("update grocery1 set address='{}' where user\_id='{}';".format(address,user\_id1))

                            con.commit()

                            print("\nAddress Updated successfully..✔️✔️✔️\n")

                            table()

                        elif lol==1:

                            table()

                        elif lol==3:

                            co=con.cursor()

                            Name=input("Enter your New Name 👉 ")

                            co.execute("update grocery1 set Name='{}' where user\_id='{}';".format(Name,user\_id1))

                            con.commit()

                            print("\nName Updated Successfully..✔️✔️✔\n")

                            table()

                        elif lol==4:

                            co=con.cursor()

                            phone\_no=input("Enter your New Phone\_no. 👉 ")

                            co.execute("update grocery1 set phone\_no='{}' where  user\_id='{}';".format(phone\_no,user\_id1))

                            con.commit()

                            print("\nPhone Number Updated Successfully..✔️✔️✔️\n")

                            table()

                        elif lol==5:

                            co=con.cursor()

                            password=int(input("Enter your New Password 👉 "))

                            co.execute("update grocery1 set password='{}' where  user\_id='{}';".format(password,user\_id1))

                            con.commit()

                            print("\nPassword Updated Successfully..✔️✔️✔️\n\n")

                            table()

                        elif lol==6:

                            print("\n\n")

                            break

                        else:

                            print("\n    !!!..Invalid Choice Entered..!!!")

                            print("Please Select Proper Choice From Following\n")

                elif se==2:

                    while True:

                        print("\n---------------------------------------\nPress (1) See Your Cart 🛒\nPress (2) See Order Details\nPress (3) Return To Home Page")

                        print("---------------------------------------")

                        ct=int(input("Enter Your Choice 👉 "))

                        if ct==1:

                            print("\nTo Check Your Cart Details Please Follow the cretaria")

                            print("-----------------------------------------------------\n")

                            co=con.cursor()

                            from tabulate import tabulate

                            a=input("Enter your date of Purchase in (YYYY-MM-DD) format 👉 ")

                            print("")

#in sql we write '2022-02-13',so to execute the same in Mysql we concatenate " ' " on both sides of t to do the same

                            co.execute("select \*from grass2 where user\_id="+"'"+user\_id1+"'"+" and Purchase\_time="+"'"+a+"'"+";")

                            x=co.fetchall()

                            headers=["user\_id","Purchase\_time","Product","Size","Quantity","Price"]

                            print(tabulate(x,headers=headers,tablefmt="psql"))

                            #again()

                        elif ct==2:

                            a=input("Enter your date of Order in (YYYY-MM-DD) format 👉 ")

                            co.execute("select Invoice\_code from invoice where user\_id="+"'"+user\_id1+"'"+" and Purchase\_date="+"'"+a+"'"+"; ")

                            now=co.fetchall()

                            co.execute("select \* from grocery1 where user\_id="+"'"+user\_id1+"'"+"; ")

                            pho=co.fetchall()

                            co.execute("Select Product,Quantity,Price from bill where user\_id="+"'"+user\_id1+"'"+" and Purchase\_date="+"'"+a+"'"+";")

                            it=co.fetchall()

                            print("\n━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━\n")

                            print("\n Invoice Id         ETA  ")

                            print('#',now[0][0],"        N/A\n\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n")

                            print("      ⭕━━━━━━━━⭕━━━━━━━━⭕━━━━━━━━━⭕   ")

                            print("    Placed         Confirmed         Process         Ready To Pickup ")

                            import datetime  # Importing Date time module

                            t=datetime.datetime.now()

                            print(" ",a,"\n ", t.strftime("%H:%M:%S"),"\n")

                            print("\_”\*28,”\n\n Customer Name        Phone\_no")

                            print('#',pho[0][2],"         +91-",pho[0][4],"\n") #,pho[0][0]

                            from tabulate import tabulate

                            headers=["Product","Quantity","Price"]

                            print(tabulate(it,headers=headers,tablefmt="orgtbl"))

                            print("\n━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━\n")

                        elif ct==3:

                            again()

                            break

                        else:

                            print("\n    !!!..Invalid Choice Entered..!!!")

                            print("Please Select Proper Choice From Following\n")

                elif se==3:

                    again()

                    break

                else:

                    print("\n    !!!..Invalid Choice Entered..!!!")

                    print("Please Select Proper Choice From Following\n")

                return

            return # Exit From Setting

# MAIN PROGRAM START FROM HERE HELLO WELCOME

print("━"\*41,"\n========= WELCOME TO GROCERY SHOPPING COMPLEX MANAGEMENT SYSTEM =========")

print("━"\*41,"\n")

import datetime  # Importing Date time module

global t

t=datetime.datetime.now()

print("\nDate :",t.strftime("%Y-%m-%d"))

print("━"\*10,"\n")

again()# LOGIN, SIGNUP, SETTIG FUNCTION CALLING

print("Please Select Snacks Product From Available Option Given Below\n","━"\*33,"\n")

while True:

    print("\n--------------------\n(1) For Bistcuits 🍪")

    print("(2) For Drinks 🧴 ")

    print("(3) For Namkeen 📦")

    print("(4) For Exit 🚪\n--------------------")

    ch=int(input("Enter your Choice from given option 👉 "))

    # BISCUITE PROGRAM START FROM HERE

    if ch==1:

        print("\nChoose Your favourite biscuits from Different varieties of biscuits\n ")

        while True:

            print("S\_NO    Biscuits\_Brand\n----    --------------\n(1)     Britania\n(2)     Parle\_Platina\n(3)     Oreo\_Products\n(4)     For Exit\n")

            bis=int(input("Enter your favourite biscuit From given Options 👉 "))

            if bis==1:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Britania")

                    a=co.fetchall()

                    headers=["S\_no","Packet\_size","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    size=int(input("Choose Your favourite Britania packet 👉 "))

                    if size==1:

                        co=con.cursor()

                        ca=int(input("\nEnter your Quantity 👉 "))

                        su=ca\*10

                        ins="insert into grass2 values('{}','{}','Britania','Small\_packet','{}','{}')".format(user\_id1,t,ca,su)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif size==2:

                        print("\n Item you Select Is Currently Out Of Stock\n   😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif size==3:

                        co=con.cursor()

                        print("")

                        i=int(input("Enter your Quantity 👉 "))

                        m=i\*20

                        ins="insert into grass2 values('{}','{}','Britania','Large\_packet','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valid Choice From Britania ❌")

            elif bis==2:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Parle\_Platina")

                    a=co.fetchall()

                    headers=["S\_no","Packet\_size","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    size=int(input("Choose Your favourite Parle\_Platina packet 👉 "))

                    if size==1:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*20

                        ins="insert into grass2 values('{}','{}','Parle\_Platina','Small\_packet','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif size==2:

                        print("\n Item you Select Is Currently Out Of Stock\n   😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif size==3:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*20

                        ins="insert into grass2 values('{}','{}','Parle\_Platina','Large\_packet','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valid Choice From Parle\_Platina ❌")

            elif bis==3:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Oreo\_Product")

                    a=co.fetchall()

                    headers=["S\_no","Oreo\_Product","Packet\_size","Price"]

                    print(tabulate(a,headers=headers,tablefmt="psql"))

                    size=int(input("Choose Your favourite Oreo\_Products 👉 "))

                    if size==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*8.50

                        ins="insert into grass2 values('{}','{}','Oreo\_Biscuits','Medium\_packet','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif size==1:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif size==3:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*349

                        ins="insert into grass2 values('{}','{}','Oreo\_Choco\_cookies','Pack Of Six Piece','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif size==4:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*343

                        ins="insert into grass2 values('{}','{}','Oreo\_White\_cookies','Pack Of Six Piece','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valide Oreo\_Product ❌")

            elif bis==4:

                print(" 🛍.... Thanks for shopping Us ....🛍 \n")

                break

            else:

                print("❌ Enter the valid Choice ❌")

    # DRINK SECTION ENTRY START FROM HERE

    elif ch==2:

        print("\nChoose Your favourite Drinks from Different varieties of Drink ")

        print("---------------------------------------------------------------")

        while True:

            print("S\_NO    Cold\_Drink\n----    --------------\n(1)     CocaCola\n(2)     Maaza\n(3)     Mountain\_Dew\n(4)     For Exit\n")

            drnk=int(input("Enter your favourite drink From given Option 👉 "))

            # COCA COLA PRGRAM FROM HERE

            if drnk==1:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from CocaCola")

                    a=co.fetchall()

                    headers=["S\_no","Bottle\_Volume","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    vol=int(input("Choose Your favourite Coca-Cola Bottle\_Volume 👉 "))

                    if vol==1:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif vol==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*46

                        ins="insert into grass2 values('{}','{}','CocaCola','750mL','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print("\n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif vol==3:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*60

                        ins="insert into grass2 values('{}','{}','CocaCola','1L','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif vol==4:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*95

                        ins="insert into grass2 values('{}','{}','CocaCola','2L','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valid Choice From CocaCola ❌")

            # MAAZA PROGRAM HERE

            elif drnk==2:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Maaza")

                    a=co.fetchall()

                    headers=["S\_no","Bottle\_Volume","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    vol=int(input("Choose Your favourite Maaza Bottle\_Volume 👉 "))

                    if vol==1:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*34

                        ins="insert into grass2 values('{}','{}','Maaza','500mL','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif vol==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*45

                        ins="insert into grass2 values('{}','{}','Maaza','750mL','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif vol==3:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif vol==4:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*90

                        ins="insert into grass2 values('{}','{}','Maaza','2L','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valid Choice From Maaza ❌")

            #MOUNTAIN DEW PROGRAM

            elif drnk==3:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Mountain\_Dew ")

                    a=co.fetchall()

                    headers=["S\_no","Bottle\_Volume","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    vol=int(input("Choose Your favourite Mountain\_Dew Bottle\_Volume 👉 "))

                    if vol==1:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*32

                        ins="insert into grass2 values('{}','{}','Mountain\_Dew','500mL','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                    elif vol==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*39

                        ins="insert into grass2 values('{}','{}','Mountain\_Dew','750mL','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                    elif vol==3:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*62

                        ins="insert into grass2 values('{}','{}','Mountain\_Dew','1L','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                    elif vol==4:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    else:

                        print(" ❌ Enter the valid Choice From Mountain\_Dew ❌")

            elif drnk==4:

                print(" 🛍.... Thanks for shopping Us ....🛍 \n")

                break

            else:

                print(" ❌ Enter the valid Choice❌")

    #SALTY SNACKS PRODUCT SECTION START FROM HERE

    elif ch==3:

        print("\nChoose Your favourite Salty snacks from available Stocks ")

        while True:

            print("S\_NO    Namkeens\n----    --------------\n(1)     Navrattana\n(2)     Aloo\_Bhujiya\n(3)     Lays\n(4)     For Exit\n")

            Nam=int(input("Enter your favourite Salty Snacks From Option 👉 "))

            if Nam==1:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Navrattana")

                    a=co.fetchall()

                    headers=["S\_no","Pack\_Size","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    wgt=int(input("Choose Your favourite Navrattana Pack\_Size 👉 "))

                    if wgt==1:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*20

                        ins="insert into grass2 values('{}','{}','Navrattana','Small\_Pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        break

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                    elif wgt==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*37

                        ins="insert into grass2 values('{}','{}','Navrattana','Party\_Pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif wgt==3:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*64

                        ins="insert into grass2 values('{}','{}','Navrattana','Travalling\_Pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif wgt==4:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    else:

                        print("❌ Enter the valide Choice From Navrattana ❌")

            # ALOO BHIJIYA PROGRAM HERE

            elif Nam==2:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Aloo\_Bhujiya")

                    a=co.fetchall()

                    headers=["S\_no","Pack\_Size","Price"]

                    print(tabulate(a,headers=headers,tablefmt="psql"))

                    wgt=int(input("Choose Your favourite Bhujiya Pack\_Size 👉 "))

                    if wgt==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*28

                        ins="insert into grass2 values('{}','{}','Aloo\_Bhujiya','Party\_Pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif wgt==1:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*13

                        ins="insert into grass2 values('{}','{}','Aloo\_Bhujiya','Small\_Packet','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif wgt==3:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif wgt==4:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*95

                        ins="insert into grass2 values('{}','{}','Aloo\_Bhujiya','Family\_Pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valid Choice From Aloo\_Bhujiya ❌")

            # LAYS PROGRAM FROM HERE

            elif Nam==3:

                while True:

                    from tabulate import tabulate

                    co.execute("select \*from Lays")

                    a=co.fetchall()

                    headers=["S\_no","Pack\_Size","Price"]

                    print(tabulate(a,headers=headers,tablefmt="grid"))

                    wgt=int(input("Choose Your favourite Lays Pack\_Size 👉 "))

                    if wgt==1:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*15

                        ins="insert into grass2 values('{}','{}','Lays','Small\_pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif wgt==2:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*29

                        ins="insert into grass2 values('{}','{}','Lays','Party\_pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    elif wgt==3:

                        print("\n Item you Select Is Currently Out Of Stock\n    😔😔 SORRY FOR INCONVENIENCE 😔😔\n")

                    elif wgt==4:

                        co=con.cursor()

                        i=int(input("\nEnter your Quantity 👉 "))

                        m=i\*76

                        ins="insert into grass2 values('{}','{}','Lays','Family\_Pack','{}','{}')".format(user\_id1,t,i,m)

                        co.execute(ins)

                        con.commit()

                        print(" \n🛒 Your Product is Added to Cart 🛒 \n")

                        break

                    else:

                        print(" ❌ Enter the valid Choice From Lays ❌")

            elif Nam==4:

                print(" 🛍... Thanks for shopping With Us ....🛍 \n")

                break

            else:

               print(" ❌ Enter the valid Choice ❌")

    elif ch==4:

        break

    else:

        print(" ❌ Enter the valid Choice ❌")

# CART CHECKING PROGRAM START FROM HERE

while True:

    print("\nDo you Want to see your Cart (Y/N) ?\n------------------------------------")

    se=input("Enter your choice 👉 ")

    if se in 'Nn':

        break

    elif se in 'Yy':

        co=con.cursor()

        from tabulate import tabulate

        a=input("Enter your date of Purchase in (YYYY-MM-DD) format 👉 ")

        #in sql we write '2022-02-13',so to execute the same in Mysql we concatenate " ' " on both sides of t to do the same

        co.execute("select \*from grass2 where user\_id="+"'"+user\_id1+"'"+" and Purchase\_time="+"'"+a+"'"+";")

        x=co.fetchall()

        headers=["user\_id","Purchase\_time","Product","Size","Quantity","Price"]

        print(tabulate(x,headers=headers,tablefmt="psql"))

        print("")

        break

    else:

        print("!!!..Please Enter the Valide Choice..!!!")

# RATE FUNCTION DEFINNG FROM HERE

def rate():

    co.execute("use grocery")

    global user\_id1

    print("\nRate your experience with Grocery Shopping Complex \n")

    print("  🙁     😐     🙂     😊      😃\n Bad    Okay   Good   Great  Amazing\n")

    rate=int(input("Rate your Experiences 👉 "))

    if rate<=2:

        write\_reviews=input("\nWrite your Grievances :")

        print("Your problem will be rectifed as soon as possible ")

        print("   😊😊... Thanks For Rate and Comment...😊😊     \n")

        print("Have A Good Day....Best Wishes From Grocery Shopping Complex ")

        INSERT="insert into visual values('{}',{},'{}')".format(user\_id1,rate,write\_reviews)

        co.execute(INSERT)

        con.commit()

    else:

        comment= input("\n💬💬 Comment your experience about Grocery Shopping Complex  👉 ")

        INSERT="insert into visual values('{}',{},'{}')".format(user\_id1,rate,comment)

        co.execute(INSERT)

        con.commit()

        print("       😊😊... Thanks For Rate and Comment...😊😊      \n")

        print("-- Have A Good Day....Best Wishes From Grocery Shopping Complex --\n")

def bill():

    import datetime

    global a

    print("\n\n\n")

    print("━"\*11,"GROCERY SHOPPING COMPLEX","━"\*12,"\n")

    import random

    now=random.randint(10000000,999999999)

    print(" Invoice ID #",now)

    co=con.cursor()

    co.execute("insert into invoice values('{}','{}','{}')".format(user\_id1,t,now))

    con.commit()

    print("")

    print(" From :\n E-Grocery Shopping Complex\n")

    print(" Date And Time :\n",a.strftime("%Y-%b-%d  %H:%M:%S\n"))

    print(" Ship To :\n",n[0][0],"\n\n","Address :\n",aid[0][0])

    print(" India \n")

    print(" Item Count :                               ",q[0][0])

    print("")

    from tabulate import tabulate

    co.execute("select Product,Size,Quantity,Price from grass2 where user\_id="+"'"+user\_id1+"'"+" and Purchase\_time="+"'"+t+"'"+";")

    it=co.fetchall()

    headers=["Product","Size","Quantity","Price"]

    print(tabulate(it,headers=headers,tablefmt="orgtbl"))

    con.commit()

    print(" \n━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━")

    gstper=2.0

    print(" Applied GST Charge :                        2%")

    am=d[0][0]

    gst=am\*2.0/100

    amount=am+gst

    print(" Sub Total   :                            ","₹",d[0][0])

    print(" GST Charges  :                           ","₹",gst)

    print(" Grand Total :                            ","₹",amount)

    print(" \n Payment Through :                 ",payment)

    print("  \n                   ..Thanks for shopping with us..         \n         💕 Whoever Is Happy Will Make Others Happy Too  ")

    print('━'\*38,'\n\n')

    a= datetime.datetime.now()

    c=a.strftime("%d-%b-%Y  %H:%M:%S")

    b=a.strftime("%d-%b-%Y")

    print("YOUR ORDER SUCCESFULLY ORDERED AT ",c," ✔✔\n\n")

    co=con.cursor()

    co.execute("insert into bill(user\_id,Purchase\_date,Product,size,Quantity,Price) select  user\_id,Purchase\_time,Product,Size,Quantity,price from grass2 where user\_id="+"'"+user\_id1+"'"+" and purchase\_time="+"'"+t+"'"+";")

    con.commit()

    print("\nDo You want To Rate Us (Y/N)\n----------------------------")

    ch=input("Enter your choice 👉 ")

    if ch in 'yY':

        rate()

    else:

        print("🙏🙏 Thanks You For Visit Us....Best Wishes From Grocery Shopping Complex 🙏🙏\n\n")

        exit()

#BILLING PROGRAM STARING FROM HERE

while True:

    print("\n=====================================")

    print("Press (1) If Shopping is done ✔✔✔")

    print("Press (2) To Exit From Grocery 🚪🚪🚪")

    print("=====================================\n")

    choice=int(input("Enter your choice from above option 👉 "))

    if choice==1:

        print("\n---------------------------------")

        print("Press (1) For Order and Billing 🧾🧾")

        print("Press (2) For rating and Comment 💬💬")

        print("---------------------------------\n")

        ch=int(input("Enter your choice 👉 "))

        if ch==1:

            co=con.cursor()

            t=input("\nEnter your date of Purchase in (YYYY-MM-DD) format 👉 ")

            co.execute("select Name from grocery1 where user\_id="+"'"+user\_id1+"'"+";")

            n=co.fetchall()

            co.execute("select address from grocery1 where user\_id="+"'"+user\_id1+"'"+";")

            aid=co.fetchall()

            co.execute("select sum(price) from grass2 where user\_id="+"'"+user\_id1+"'"+" and Purchase\_time="+"'"+t+"'"+";")

            d=co.fetchall()

            co.execute("select sum(Quantity) from grass2 where user\_id="+"'"+user\_id1+"'"+" and Purchase\_time="+"'"+t+"'"+";")

            q=co.fetchall()

            con.commit()

            import datetime

            a= datetime.datetime.now()

            print()

            print("\n---------------------------------\nNo. Of Item Purchased :",q[0][0])

            print("Total Price Of Item  : ₹",d[0][0],"\n---------------------------------\n")

            print()

            while True:

                print("Do You Want To Continue Your Order (y/n)\n”,”-"\*40)

                ch=input("Enter Your Choice 👉 ")

                if ch in 'Yy':

                    while True:

                        global payment

                        print("\n-----------------\n1.Credit Card\n2.Debit Card\n3.Pay On Delivery\n-----------------\n")

                        pay=int(input("Select Your Payment Method 👉 "))

                        if pay==1:

                            co=con.cursor()

                            payment='Credit Card'

                            co.execute("insert into pay values('{}','{}','{}')".format(user\_id1,t,payment))

                            con.commit()

                            bill()

                            break

                        elif pay==2:

                            co=con.cursor()

                            payment='Debit Card'

                            co.execute("insert into pay values('{}','{}','{}')".format(user\_id1,t,payment))

                            con.commit()

                            bill()

                            break

                        elif pay==3:

                            co=con.cursor()

                            payment='Pay On Delivery'

                            co.execute("insert into pay values('{}','{}','{}')".format(user\_id1,t,payment))

                            con.commit()

                            bill()

                            break

                        else:

                            print("!! Select Proper Method !!")

                    break

                elif ch in 'Nn':

                    print("\nDo You want To Rate Us (Y/N)\n----------------------------")

                    ch=input("Enter your choice 👉 ")

                    if ch in 'yY':

                        rate()

                    else:

                        print("🙏🙏 Thanks You For Visit Us....Best Wishes From Grocery Shopping Complex 🙏🙏\n\n")

                        exit()

                    break

                else:

                    print("!!! Select Apropiate Choice !!!")

            break

        elif ch==2:

            rate()

            break

        else:

            print(" ❌ Invalid Choice ❌")

    if choice==2:

        print("🙏🙏 Thanks You For Visit Us....Best Wishes From Grocery Shopping Complex 🙏🙏\n\n")

        exit()

# Program Output

# Signup Output

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**========= WELCOME TO GROCERY SHOPPING COMPLEX MANAGEMENT SYSTEM =========**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Date : 2022-03-22**

━━━━━━━━━━━━━━━━━

━━━━━━━━━━━━━━━━━━━━━━━━━

**1.Login To Account 🤞**

**2.Create a New Account 🤝**

**3.Setting Menu ⚙**

**4.Exit From Program 🚪**

━━━━━━━━━━━━━━━━━━━━━━━━━

**Enter your choice 👉 2**

**To create Your account Please Enter User id and Password**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Enter Your Full Name 👉 Shivam Gupta**

**Create your User\_Id 👉 Gupta\_12**

**Create your Strong Passsword 👉 shivam19102005@**

**Select Your Gender**

**Press (M) For Male 🧔**

**Press (F) For Female 👩**

**Press (O) For Other ⚧**

**Enter your gender 👉 M**

**Enter your phone 👉 8595239553**

**Enter Your Full Delivery Address 👉 Surajpur,Greater Noida,UP**

**+----------+-----------------+--------------+--------+------------+---------------------------+**

**| User\_id  | Password        | Name         | Gender |   Phone\_no | Address                   |**

**|----------+-----------------+--------------+--------+------------+---------------------------|**

**| Gupta\_12 | shivam19102005@ | Shivam Gupta | M      | 8595239553 | Surajpur,Greater Noida,UP |**

**+----------+-----------------+--------------+--------+------------+---------------------------+**

**Account Created successfully.. ✔️✔️✔**

# Login Function Output

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**========= WELCOME TO GROCERY SHOPPING COMPLEX MANAGEMENT SYSTEM =========**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Date : 2022-03-22**

━━━━━━━━━━━━━━━━━

━━━━━━━━━━━━━━━━━━━━━━━━

**1.Login To Account 🤞**

**2.Create a New Account 🤝**

**3.Setting Menu ⚙**

**4.Exit From Program 🚪**

━━━━━━━━━━━━━━━━━━━━━━━━

**Enter your choice 👉 1**

**To Login In Your Please Enter Your User\_ID and Password**

**━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━**

**Enter your User\_ID 👉 bansal\_12**

**Enter Your password 👉 anantbansal\_12**

**Account Logged successfully.. ✔️✔️✔️**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**~~~~~~~ WELCOME TO THE SNACKS SECTION OF GROCERY SHOPPING COMPLEX ~~~~~~**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Please Select Snacks Product From Available Option Given Below**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**--------------------**

**(1) For Bistcuits 🍪**

**(2) For Drinks 🧴**

**(3) For Namkeen 📦**

**(4) For Exit 🚪🚪🚪**

**--------------------**

**Enter your Choice from given option 👉 1**

**Choose Your favourite biscuits from Different varieties of biscuits**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**S\_NO    Biscuits\_Brand**

━━━━    ━━━━━━━━━━━━━━━

**(1)     Britania**

**(2)     Parle\_Platina**

**(3)     Oreo\_Products**

**(4)     For Exit**

**Enter your favourite biscuit From given Options 👉 3**

**+--------+--------------------+-------------------+---------+**

**|   S\_no | Oreo\_Product       | Packet\_size       | Price   |**

**|--------+--------------------+-------------------+---------|**

**|      1 | Oreo\_Biscuit       | Small\_Packet      | Rs 8.50 |**

**|      2 | Oreo\_Biscuit       | Medium\_Packet     | Rs 17   |**

**|      3 | Oreo\_Choco\_Cookies | Pack Of Six Piece | Rs. 349 |**

**|      4 | Oreo\_White\_Cookies | Pack Of Six Piece | Rs. 343 |**

**+--------+--------------------+-------------------+---------+**

**Choose Your favourite Oreo\_Products 👉 3**

**Enter your Quantity 👉 2**

**🛒 Your Product is Added to Cart 🛒**

S\_NO    Biscuits\_Brand

━━━━    ━━━━━━━━━━━━━━

**(1)     Britania**

**(2)     Parle\_Platina**

**(3)     Oreo\_Products**

**(4)     For Exit**

**Enter your favourite biscuit From given Options 👉 4**

**🛍.... Thanks for shopping Us ....🛍**

**--------------------**

**(1) For Bistcuits 🍪**

**(2) For Drinks 🧴**

**(3) For Namkeen 📦**

**(4) For Exit 🚪🚪🚪**

**--------------------**

**Enter your Choice from given option 👉 3**

**Choose Your favourite Salty snacks from available Stocks** ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**S\_NO    Namkeens**

━━━━━   ━━━━━━━━━━━━

**(1)     Navrattana**

**(2)     Aloo\_Bhujiya**

**(3)     Lays**

**(4)     For Exit**

**Enter your favourite Salty Snacks From Option 👉 3**

**+--------+-----------------+---------+**

**|   S\_no | Pack\_Size       | Price   |**

**+========+=================+=========+**

**|      1 | Small\_pack      | Rs.15   |**

**+--------+-----------------+---------+**

**|      2 | Party\_pack      | Rs.29   |**

**+--------+-----------------+---------+**

**|      3 | Travalling\_pack | Rs.54   |**

**+--------+-----------------+---------+**

**|      4 | Family\_pack     | Rs.76   |**

**+--------+-----------------+---------+**

**Choose Your favourite Lays Pack\_Size 👉 2**

**Enter your Quantity 👉 2**

**🛒 Your Product is Added to Cart 🛒**

**S\_NO    Namkeens**

━━━━    ━━━━━━━━━━━━

**(1)     Navrattana**

**(2)     Aloo\_Bhujiya**

**(3)     Lays**

**(4)     For Exit**

**Enter your favourite Salty Snacks From Option 👉 4**

**🛍... Thanks for shopping With Us ....🛍**

**--------------------**

**(1) For Bistcuits 🍪**

**(2) For Drinks 🧴**

**(3) For Namkeen 📦**

**(4) For Exit 🚪**

**--------------------**

**Enter your Choice from given option 👉 4**

**Do you Want to see your Cart (Y/N) ?**

**------------------------------------**

**Enter your choice 👉 y**

**Enter your date of Purchase in (YYYY-MM-DD) format 👉 2022-03-22**

**+-----------+----------------+-------------------+-------------------+------------+--------+**

**| user\_id   | Purchase\_time  | Product            | Size              |   Quantity | Price |**

**|-----------+----------------+--------------------+-------------------+------------+-------|**

**| bansal\_12 | 2022-03-22     | Oreo\_Choco\_cookies | Pack Of Six Piece |          2 |   698 |**

**| bansal\_12 | 2022-03-22     | Lays               | Party\_pack        |          2 |    58 |**

**+-----------+----------------+--------------------+-------------------+------------+-------+**

**=====================================**

**Press (1) If Shopping is done ✔✔✔**

**Press (2) To Exit From Grocery 🚪🚪🚪**

**=====================================**

**Enter your choice from above option 👉 1**

**---------------------------------**

**Press (1) For Order and Billing 🧾🧾**

**Press (2) For rating and Comment 💬💬**

**---------------------------------**

**Enter your choice 👉 1**

**Enter your date of Purchase in (YYYY-MM-DD) format 👉 2022-03-22**

**---------------------------------**

**No. Of Item Purchased : 4.0**

**Total Price Of Item  : ₹ 756.0**

**---------------------------------**

**Do You Want To Continue Your Order (y/n)**

**----------------------------------------**

**Enter Your Choice 👉 y**

**-----------------**

**1.Credit Card**

**2.Debit Card**

**3.Pay On Delivery**

**-----------------**

**Select Your Payment Method 👉 3**

━━━━━━━━━━━━━━━━━━━━ **GROCERY SHOPPING COMPLEX** ━━━━━━━━━━━━━━━━━━━━━

**Invoice ID # 684627256**

**From :**

**E-Grocery Shopping Complex**

**Date And Time :**

**2022-Mar-22  12:43:16**

**Ship To :**

**Anant bansal**

**Address :**

**KP-III,Greater Noida,UP**

**India**

**Item Count :                                4.0**

**| Product            | Size              |   Quantity |   Price |**

**|--------------------+-------------------+------------+---------|**

**| Oreo\_Choco\_cookies | Pack Of Six Piece |          2 |     698 |**

**| Lays               | Party\_pack        |          2 |      58 |**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Applied GST Charge :                        2%**

**Sub Total   :                             ₹ 756.0**

**GST Charges  :                            ₹ 15.12**

**Grand Total :                             ₹ 771.12**

**Payment Through :                  Pay On Delivery**

**..Thanks for shopping with us..**

**💕 Whoever Is Happy Will Make Others Happy Too 💕**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**YOUR ORDER SUCCESFULLY ORDERED AT  22-Mar-2022  12:43:29  ✔✔**

**Do You want To Rate Us (Y/N)**

**----------------------------**

**Enter your choice 👉 y**

**Rate your experience with Grocery Shopping Complex**

**🙁     😐     🙂     😊      😃**

**Bad    Okay   Good   Great  Amazing**

**Rate your Experiences 👉 5**

**💬💬 Comment your experience about Grocery Shopping Complex   Nice Shopping Complex. I ever seen in my life**

**😊😊... Thanks For Rate and Comment...😊😊**

**-- Have A Good Day....Best Wishes From Grocery Shopping Complex –**

# Setting Output

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**========= WELCOME TO GROCERY SHOPPING COMPLEX MANAGEMENT SYSTEM =========**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Date : 2022-03-22**

━━━━━━━━━━━━━━━━━

━━━━━━━━━━━━━━━━━━━━━━━━━

**1.Login To Account 🤞**

**2.Create a New Account 🤝**

**3.Setting Menu ⚙**

**4.Exit From Program 🚪**

━━━━━━━━━━━━━━━━━━━━━━━━━

**Enter your choice 👉 3**

**Enter your  Account User-ID 👉 shivam\_12**

**❌❌ Invalid User\_ID Entered ❌❌**

**----------------------------------------**

**Press (1) To Change Your User\_ID**

**Press (0) To Re-Enter Your User\_ID**

**-------------------------------------**

**Enter your choice 👉 0**

**Enter your  Account User-ID 👉 gupta\_12**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Press (1) For Account Related Query 👥**

**Press (2) Cart Related Query 🛒**

**Press (3) Go To Home Page**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Enter your Choice 👉 1**

**press (1) Fetch Account Details**

**Press (2) To Change Address**

**Press (3) To Change User Name**

**Press (4) To Change Phone Number**

**Press (5) To Change Password**

**Press (6) For Exit**

**Enter Your Choice 👉 6**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Press (1) For Account Related Query 👥**

**Press (2) Cart Related Query 🛒**

**Press (3) Go To Home Page**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Enter your Choice 👉 2**

**---------------------------------------**

**Press (1) See Your Cart 🛒**

**Press (2) See Order Details**

**Press (3) Return To Home Page**

**---------------------------------------**

**Enter Your Choice 👉 2**

**Enter your date of Order in (YYYY-MM-DD) format 👉 2022-03-22**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**Invoice Id         ETA**

**# 684627256         N/A**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

      ⭕━━━━━━━━━━━━━━━⭕━━━━━━━━━━━━━━━━⭕━━━━━━━━━━━━━━━━━⭕

**Placed         Confirmed         Process         Ready To Pickup**

**2022-03-22**

**15:31:04**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Customer Name        Phone\_no**

**# Anant bansal          +91- 9812782782**

**| Product            |   Quantity |   Price |**

**|--------------------+------------+---------|**

**| Oreo\_Choco\_cookies |          2 |     698 |**

**| Lays               |          2 |      58 |**

**Item Count  4.0**

**Total Price 👉 Rs. 756.0**

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━

**--------------------------------------**

**Press (1) See Your Cart 🛒**

**Press (2) See Order Details**

**Press (3) Return To Home Page**

**---------------------------------------**

**Enter Your Choice 👉 3**

━━━━━━━━━━━━━━━━━━━━━━━━━

**1.Login To Account 🤞**

**2.Create a New Account 🤝**

**3.Setting Menu ⚙**

**4.Exit From Program 🚪**

━━━━━━━━━━━━━━━━━━━━━━━━━

**Enter your choice 👉 4**

**Notification**

**------------------------------------------**

**Are you Sure You Want to Exit from Grocery**

**Shopping Complex.**

**(Y) Yes ✔️   (N) No ❌**

**--------------------------------------------**

**Enter Your Choice 👉 y**

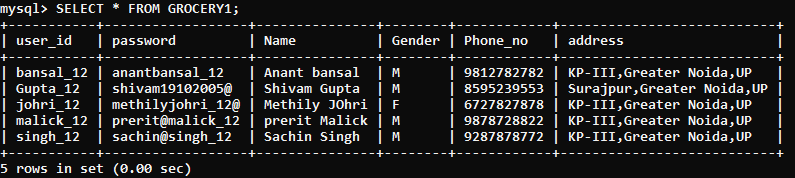
**Your Request Accepted ✔️✔️✔️**

**Please Visit Again To Our Grocery Shopping Complex**

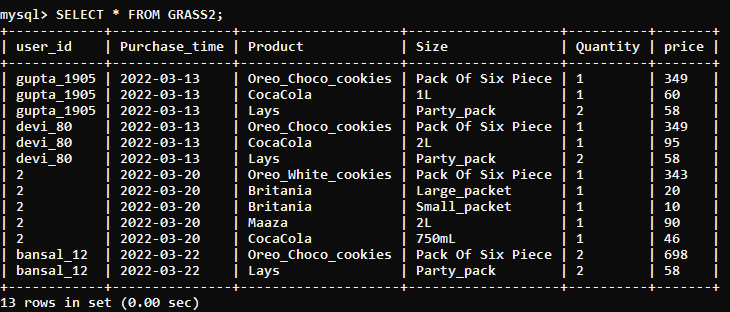
# MYSQL OUTPUT

# Customer Data

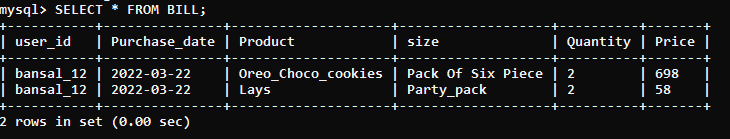
━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━



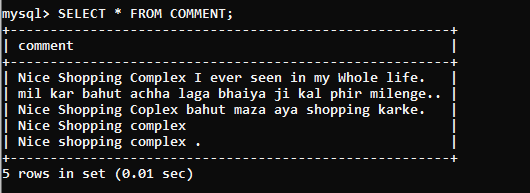
# Purchase Data



# Bill Data



# Comment Data



TEST

Software Testing is an empirical investigation conducted to provide stakeholders with information

About the quality of the product or service under test[1]with respect to the context in which

it is intended to operate. Software Testing also provides an objective, independent view of the software to allow the business to appreciate and understand the risks at implementation of the software. Test techniques include, but are not limited to, the process of executing a program or application with the intent of finding software bugs.

It can also be stated as the process of validating and verifying that a software program/application/product meets the business and technical requirements that guided its design and development, so that it works as expected and can be implemented with the same characteristics. Software Testing, depending on the testing method employed, can be implemented at any time in the development process, however the most test effort is employed after the requirements have been defined and coding process has been completed.

**TESTING METHODS**

Software testing methods are traditionally divided into black box testing and white box testing. These two approaches are used to describe the point of view that a test engineer takes when designing test cases.

### BLACK BOX TESTING

Black box testing treats the software as a "black box," without any knowledge of internal implementation. Black box testing methods include: equivalence partitioning, boundary value analysis all-pairs testing, fuzz testing, model-based testing, traceability matrix, exploratory testing and specification-based testing.

Hardware and software requirement

HARDWARE :

* **OPERATING SYSTEM : WINDOWS XP OR HIGHER**
* **PROCESSOR : INTEL SELERON OR HIGHER**
* **IV. RAM : Minimum 1 GB**
* **HARDDISK : 10 Mb free space**
* **KEYBOARD**
* **MOUSE**
* **MONITOR**

**SOFTWARE :**

* **WINDOWS OS**
* **PYTHON**
* **MYSQL**

BIBLIOGRAPHY

#### **Computer science With Python - Class XII By : Sumita Arora**

* + - 1. ***A Project Report On GROCERY SHOPPIG COMPLEX Management System (MMMS)***

***By : Mrs* Shweta Sharma**

* + - 1. **Website:**[**https://www.w3resource.com**](https://www.w3resource.com/)***\*\*\****