MAIN PROGRAM:

```python
import mysql.connector as mysql
mycon=mysql.connect(user='root',password='mysql',host='localho
st',database='Store')
myc=mycon.cursor()
o="y"
while(o=="y" or o=="Y"):
    m = """
    **Shop bill management receipt**
    ---- Tax invoice ----
    ---- Tata star bazaar ----
    Maruthi Nagar, Nanjappa Layout, Chamundeswari Layout
    Vidyaranyapura, Bengaluru, Karnataka 560097
    """
    print(m)
    print("=================================================")
    print('press S for generating stationary bill')
    print('press C for generating clothing bill')
    print('press E for generating electrical appliances bill')
    print('press G for generating grocery bill')
    print('press X to exit from program')
    print("=================================================")
    c = input("enter your choice(S or C or E or G or X):")
    if(c=="S" or c=="s"):
        print("----STATIONARY BILL----")
        date=input("Invoice date:")
        impt=int(input("Number of items purchased :"))
        print("Details of customer")
        customer=str(input("Customer's name:Mr./Miss :"))
        address=str(input("Customer's address :"))
        city=str(input("Customer's city :"))
        state=str(input("Customer's state :"))
        mobilenumber=int(input("Customer's mobile number : "))
        total=0
        maxitem=60 # maximum  number of items can be purchased
at a time
        if(impt<=maxitem):
            for a in range(1,impt+1):
                print("Bill no :",a)
                i=str(input("Item :"))
                rate=float(input("Price of item in rupees :"))
```

```python
            qty=int(input("Quantity of item purchased :"))
            value=qty*rate # total  price of product with no.
of quantity
            print("Total price:",value)  # total  amount of
particular product
            total=total+value # total  amount of all products
            sql="insert into
STATIONARY(item_name,price,quantity)
values('{}',{},{})".format(i,rate,qty)
            myc.execute(sql)
            mycon.commit()
        print("Items Purchased Till Now:")
        myc.execute('SELECT * FROM STATIONARY ')
        data=myc.fetchall()

print("====================================================")
        print("Bill No",",","Product
Name",",","Price",",","Quantity")

print("====================================================")
        for b, c, d, e in data:
            print(b, ",", end="")
            print(c, ",", end="")
            print(d, ",", end="")
            print(e)

        print("Total Amount:",total)
        gst=18/100
        gtax=total*gst #gst taxed amount
        price=total+gtax # total amount of all products after
adding gst
        if(total<100):
            print("Final price inclusive of taxes and
potential discounts :",price)
        elif(total>=100 and total<=800):
            discount=5/100
            dprice=total*discount # discount amount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>800 and total<=5000):
            discount=15/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
```

```python
        elif(total>5000 and total<=14000):
            discount=20/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>14000):
            discount=25/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        else:
            print(" Sorry You Can Only Buy 60 Items At A Time")
        print("STATIONARY BILL")
    elif(c=="C" or c=="c"):
        date=input("Invoice date:")
        impt=int(input("Number of items purchased :"))
        print("Details of customer")
        customer=str(input("Customer's name:Mr./Miss :"))
        address=str(input("Customer's address :"))
        city=str(input("Customer's city :"))
        state=str(input("Customer's state :"))
        mobilenumber=int(input("Customer's mobile number : "))
        total=0
        maxitem=60 # maximum  number of items can be purchased
at a time
        if(impt<=maxitem):
            for a in range(1,impt+1):
                print("Bill no :",a)
                i=str(input("Item :"))
                rate=float(input("Price of item in rupees :"))
                qty=int(input("Quantity of item purchased :"))
                value=qty*rate # total  price of product with no.
of quantity
                print("Total price:",value)  # total  amount of
particular product
                total=total+value # total  amount of all products
                sql="insert into
CLOTHING(item_name,price,quantity)
values('{}',{},{})".format(i,rate,qty)
                myc.execute(sql)
                mycon.commit()
            print("Items Purchased Till Now :")
            myc.execute('SELECT * FROM CLOTHING')
            data=myc.fetchall()
```

```python
print("====================================================")
        print("Bill No",",","Product
Name",",","Price",",","Quantity")

print("====================================================")
        for f, g, h, i in data:
            print(f, ",", end="")
            print(g, ",", end="")
            print(h, ",", end="")
            print(i)

        print("Total Amount :",total)
        gst=12/100
        gtax=total*gst #gst taxed amount
        price=total+gtax # total amount of all products after
adding gst
        if(total<800):
            print("Final price inclusive of taxes and
potential discounts :",price)
        elif(total>=800 and total<=6000):
            discount=5/100
            dprice=total*discount # discount amount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>6000 and total<=11000):
            discount=15/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>11000 and total<=15000):
            discount=20/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>15000):
            discount=25/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
    else:
        print(" Sorry You Can Only Buy 60 Items At A Time ")
    print("CLOTHING BILL")
  elif(c=="E" or c=="e"):
```

```python
        print("----ELECTRICAL APPLIANCES BILL----")
        date=input("Invoice date:")
        impt=int(input("Number of items purchased :"))
        print("Details of customer")
        customer=str(input("Customer's name:Mr./Miss :"))
        address=str(input("Customer's address :"))
        city=str(input("Customer's city :"))
        state=str(input("Customer's state :"))
        mobilenumber=int(input("Customer's mobile number : "))
        total=0
        maxitem=60 # maximum  number of items can be purchased
at a time
        if(impt<=maxitem):
            for a in range(1,impt+1):
                print("Bill no :",a)
                i=str(input("Item :"))
                rate=float(input("Price of item in rupees :"))
                qty=int(input("Quantity of item purchased :"))
                value=qty*rate # total  price of product with no.
of quantity
                print("Total price:",value)  # total  amount of
particular product
                total=total+value # total  amount of all products
                sql="insert into
ELECTRONICS(item_name,price,quantity)
values('{}',{},{})".format(i,rate,qty)
                myc.execute(sql)
                mycon.commit()

            print("Items Purchased Till Now :")
            myc.execute('SELECT * FROM ELECTRONICS')
            data=myc.fetchall()

print("====================================================")
            print("Bill No",",","Product
Name",",","Price",",","Quantity")

print("====================================================")
            for j, k, l, m in data:
                print(j,",", end="")
                print(k,",", end="")
                print(l,",", end="")
                print(m)
```

```python
        print("Total Amount :",total)
        gst=18/100
        gtax=total*gst #gst taxed amount
        price=total+gtax # total amount of all products after
adding gst
        if(total<1200):
            print("Final price inclusive of taxes and
potential discounts :",price)
        elif(total>=1200 and total<=4000):
            discount=5/100
            dprice=total*discount # discount amount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>4000 and total<=7000):
            discount=15/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>7000 and total<=12000):
            discount=20/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
        elif(total>12000):
            discount=25/100
            dprice=total*discount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
    else:
        print(" Sorry You Can Only Buy 60 Items At A Time")
    print("ELECTRICAL APPLINCES BILL")
elif(c=="G" or c=="g"):
    print("----GROCERY BILL----")
    date=input("Invoice date:")
    impt=int(input("Number of items purchased :"))
    print("Details of customer")
    customer=str(input("Customer's name:Mr./Miss :"))
    address=str(input("Customer's address :"))
    city=str(input("Customer's city :"))
    state=str(input("Customer's state :"))
    mobilenumber=int(input("Customer's mobile number : "))
    total=0
    maxitem=60 # maximum  number of items can be purchased
at a time
```

```python
    if(impt<=maxitem):
        for a in range(1,impt+1):
            print("Bill no :",a)
            i=str(input("Item :"))
            rate=float(input("Price of item in rupees :"))
            qty=int(input("Quantity of item purchased :"))
            value=qty*rate # total  price of product with no.
of quantity
            print("Total price:",value)  # total  amount of
particular product
            total=total+value # total  amount of all products
            sql="insert into GROCERY(item_name,price,quantity)
values('{}',{},{})".format(i,rate,qty)
            myc.execute(sql)
            mycon.commit()

        print("Items Purchased Till Now:")
        myc.execute('SELECT * FROM GROCERY')
        data=myc.fetchall()

print("=======================================================")
        print("Bill No",",","Product
Name",",","Price",",","Quantity")

print("=======================================================")
        for o, p, q, r in data:
            print(o, ",", end="")
            print(p, ",", end="")
            print(q, ",", end="")
            print(r)

        print("Total Amount :",total)
        gst=12/100
        gtax=total*gst #gst taxed amount
        price=total+gtax # total amount of all products after
adding gst
        if(total<200):
            print("Final price inclusive of taxes and
potential discounts :",price)
        elif(total>=200 and total<=500):
            discount=5/100
            dprice=total*discount # discount amount
            print("Final price inclusive of taxes and
potential discounts :",price-dprice)
```

```python
            elif(total>500 and total<=900):
                discount=15/100
                dprice=total*discount
                print("Final price inclusive of taxes and
potential discounts :",price-dprice)
            elif(total>900 and total<=15000):
                discount=20/100
                dprice=total*discount
                print("Final price inclusive of taxes and
potential discounts :",price-dprice)
            elif(total>15000):
                discount=25/100
                dprice=total*discount
                print("Final price inclusive of taxes and
potential discounts :",price-dprice)#final price is calculated
after adding gst
        else:
            print(" Sorry You Can Only Buy 60 Items At A Time ")
        print("GROCERY BILL")
    elif(c=="x" or c=="X"):
        exit()
    else:
        print("PLEASE ENTER A VALID PRODUCT CATEGORY")
        print("  S for generating stationary bill")
        print("  C for generating clothing bill")
        print("  E for generating electrical appliances bill")
        print("  G for generating grocery bill")
    t = """
    -----THANK YOU-----
    -----VISIT US AGAIN-----
    -https://starbazaarindia.com-
    """
    print(t)
    o=input("want to run again y/n or Y/N :")
```