SHOE SALES MANAGEMENT SYSTEM

Presentation by Shivendra Singh

IP
XII-A

python™

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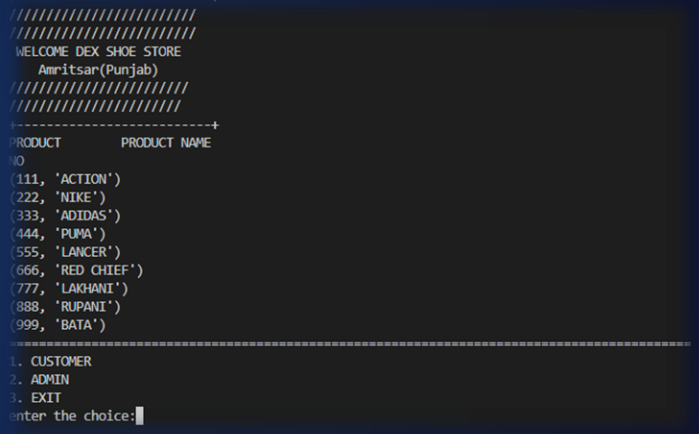
INTRODUCTION

- Sales Management System is a very useful software used for various purposes of the shopkeepers.
- It can be modified according to the needs of the owner .
- It serves the widespread scopes in making the work maintain the record easier.
- Its is not only useful for owner , but it is also useful for the customer in the way of handling it.



HOW DOES IT WORK

- It works on the basic principle of the linking python and a SQL database .
- At first , the command will be given in python software afterwards the command will be sent to the database.
- There in the database the command will fetch the demanded data and it will pass it to the python software.
- Then the required output will be shown to the python software.

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PYTHON

- Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation.
- Python consistently ranks as one of the most popular programming languages.
- Guido van Rossum began working on Python in the late 1980s as a successor to the ABC programming language and first released it in 1991 as Python 0.9.0

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MySQL

- MySQL is an open-source relational database management system (RDBMS).
- A relational database organizes data into one or more data tables in which data may be related to each other; these relations help structure the data.
- SQL is a language programmers use to create, modify and extract data from the relational database, as well as control user access to the database

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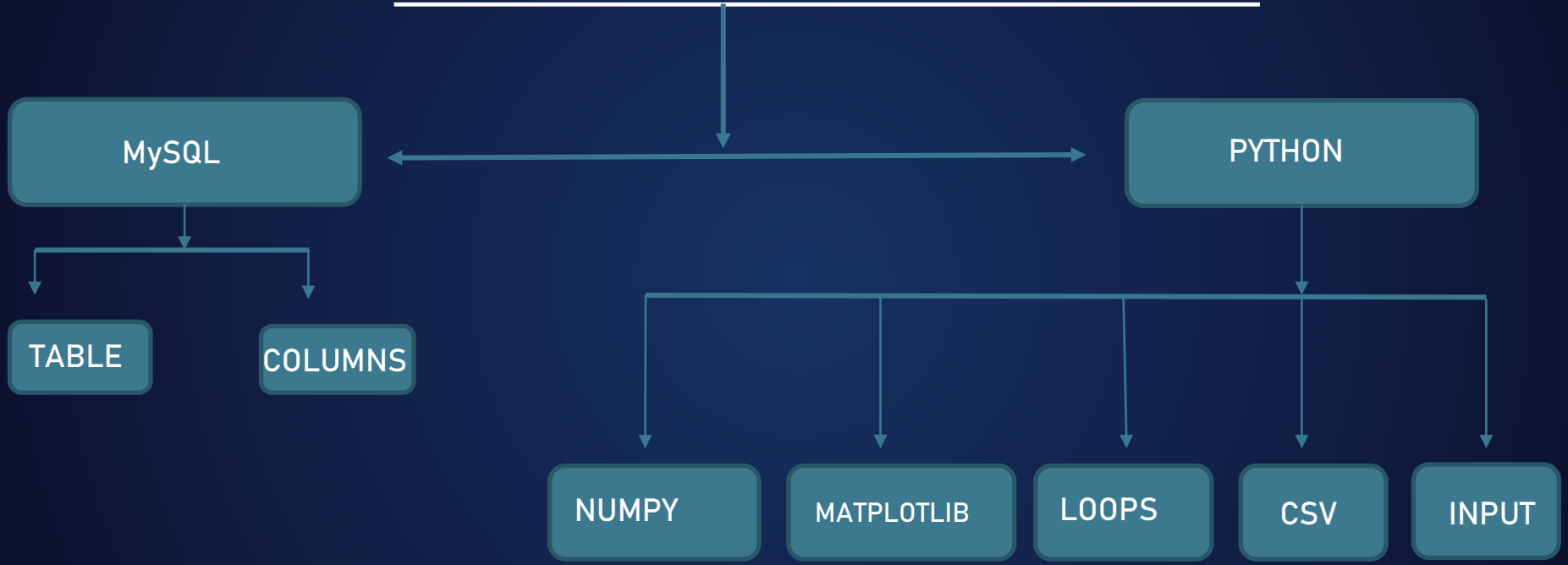
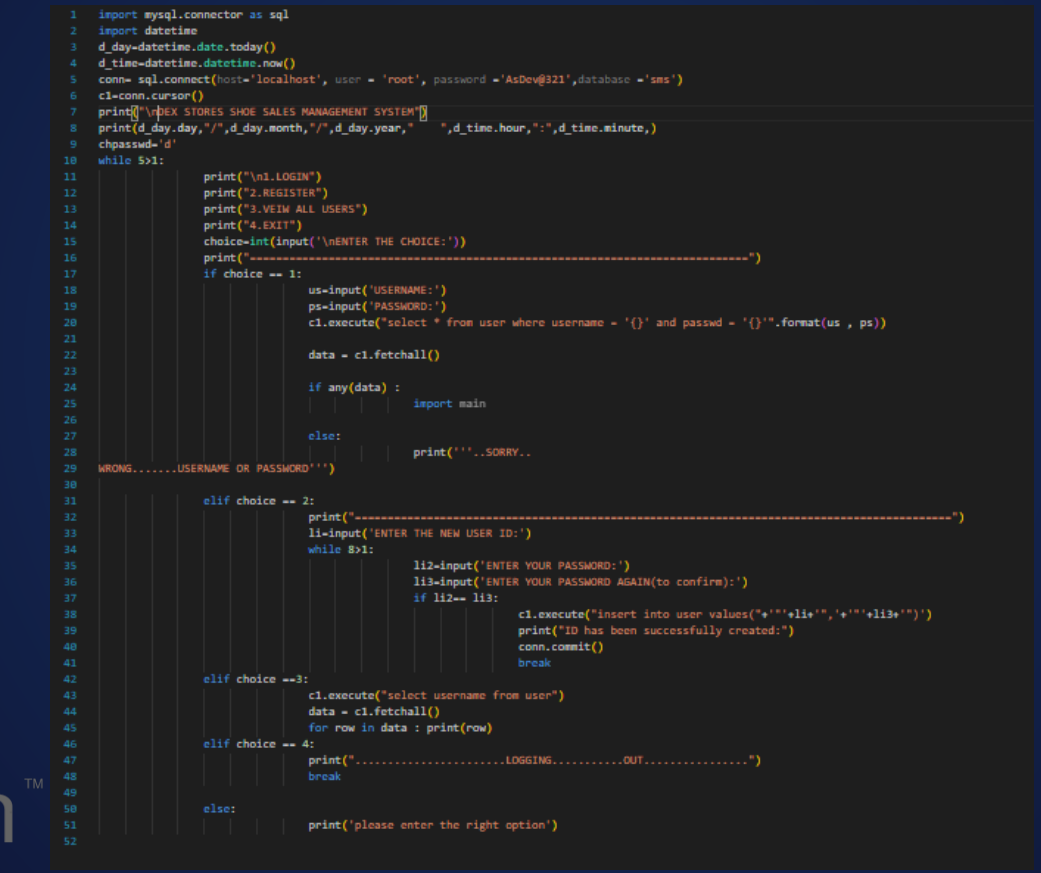
SHOE SALES MANAGEMENT SOFTWARE

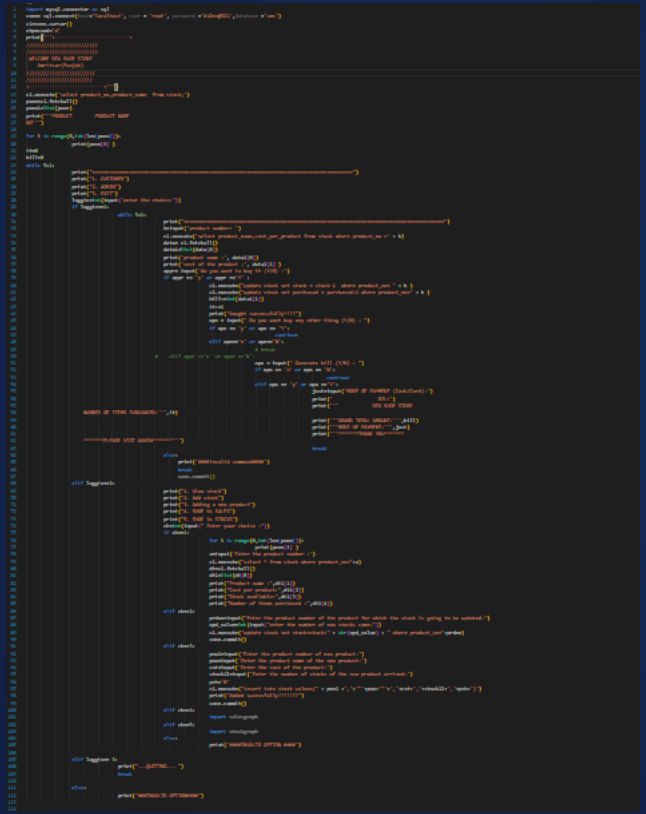


SOURCE CODE:(shoesalesmanagement.py)



```python
import mysql.connector as sql
import datetime
d_day=datetime.date.today()
d_time=datetime.datetime.now()
conn= sql.connect(host='localhost', user = 'root', password ='AsDev@321',database ='sms')
c1=conn.cursor()
print("\nDEX STORES SHOE SALES MANAGEMENT SYSTEM")
print(d_day.day,"/",d_day.month,"/",d_day.year,"    ",d_time.hour,":",d_time.minute,)
chpasswd='d'
while 5>1:
                print("\n1.LOGIN")
                print("2.REGISTER")
                print("3.VEIW ALL USERS")
                print("4.EXIT")
                choice=int(input('\nENTER THE CHOICE:'))
                print("--------------------------------------------------------------------------")
                if choice == 1:
                                us=input('USERNAME:')
                                ps=input('PASSWORD:')
                                c1.execute("select * from user where username = '{}' and passwd = '{}'".format(us , ps))

                                data = c1.fetchall()

                                if any(data) :
                                                import main

                                else:
                                                print('''..SORRY..
WRONG.......USERNAME OR PASSWORD''')

                elif choice == 2:
                                print("-----------------------------------------------------------------------------------------")
                                li=input('ENTER THE NEW USER ID:')
                                while 8>1:
                                                li2=input('ENTER YOUR PASSWORD:')
                                                li3=input('ENTER YOUR PASSWORD AGAIN(to confirm):')
                                                if li2== li3:
                                                                c1.execute("insert into user values("+"'"+li+"',"+"'"+li3+"')")
                                                                print("ID has been successfully created:")
                                                                conn.commit()
                                                                break
                elif choice ==3:
                                c1.execute("select username from user")
                                data = c1.fetchall()
                                for row in data : print(row)
                elif choice == 4:
                                print(".....................LOGGING..........OUT.............")
                                break

                else:
                                print('please enter the right option')
```

SOURCE CODE:(main.py)



Creating table for DATABASE


```
1  import mysql.connector as sql
2  conn= sql.connect(host='localhost', user = 'root', password ='AsDev@321')
3  c1=conn.cursor()
4  c1.execute("create database sms")
5  c1.execute('use sms')
6  c1.execute("create table stock (product_no int(10) primary key,product_name
   varchar(30),cost_per_product int(10),stock int(10),purchased int(10) );")
7  c1.execute("create table user(username varchar(255),passwd varchar(255));")
8  conn.commit()
```

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SQL DATABASE


```
mysql> use sms;
Database changed
mysql> select * from stock;
+------------+--------------+------------------+-------+-----------+
| product_no | product_name | cost_per_product | stock | purchased |
+------------+--------------+------------------+-------+-----------+
|        111 | ACTION       |             1000 |   200 |         3 |
|        222 | NIKE         |             1000 |   250 |         5 |
|        333 | ADIDAS       |             1500 |   120 |         7 |
|        444 | PUMA         |             2000 |   130 |         2 |
|        555 | LANCER       |             1200 |   420 |         6 |
|        666 | RED CHIEF    |             2600 |   320 |         7 |
|        777 | LAKHANI      |              900 |   120 |         1 |
|        888 | RUPANI       |              800 |   175 |         5 |
|        999 | BATA         |             1800 |   173 |         5 |
+------------+--------------+------------------+-------+-----------+
9 rows in set (0.00 sec)

mysql>
```

OUTPUT


+-------------------------+
WELCOME DEX SHOE STORE
Amritsar(Punjab)
+-----------------------+
PRODUCT PRODUCT NAME
NO
(111, 'ACTION')
(222, 'NIKE')
(333, 'ADIDAS')
(444, 'PUMA')
(555, 'LANCER')
(666, 'RED CHIEF')
(777, 'LAKHANI')
(888, 'RUPANI')
(999, 'BATA')
1. CUSTOMER
2. ADMIN
3. EXIT
enter the choice:

OUTPUT

```
==========================================================================================
1. CUSTOMER
2. ADMIN
3. EXIT
enter the choice:1
==========================================================================================
product number: 222
product name : NIKE
cost of the product : 1000
do you want to buy it (Y/N) :y
bought successfully!!!!
 Do you want buy any other thing (Y/N) : n
 Generate bill (Y/N) : y
MODE OF PAYMENT (Cash/Card):cash
                BILL
            DEX SHOE STORE
                    NUMBER OF ITEMS PURCHASED: 1
GRAND TOTAL AMOUNT: 1000
MODE OF PAYMENT: cash
*******THANK YOU*******
                    *******PLEASE VIST AGAIN*******
==========================================================================================
```

OUTPUT


```
==========================================================================================
1. CUSTOMER
2. ADMIN
3. EXIT
enter the choice:2
1. View stock
2. Add stock
3. Adding a new product
4. SHOE Vs SALES
5. SHOE Vs STOCKS
 Enter your choice :2
Enter the product number of the product for which the stock is going to be updated:333
enter the number of new stocks came:10
==========================================================================================
```

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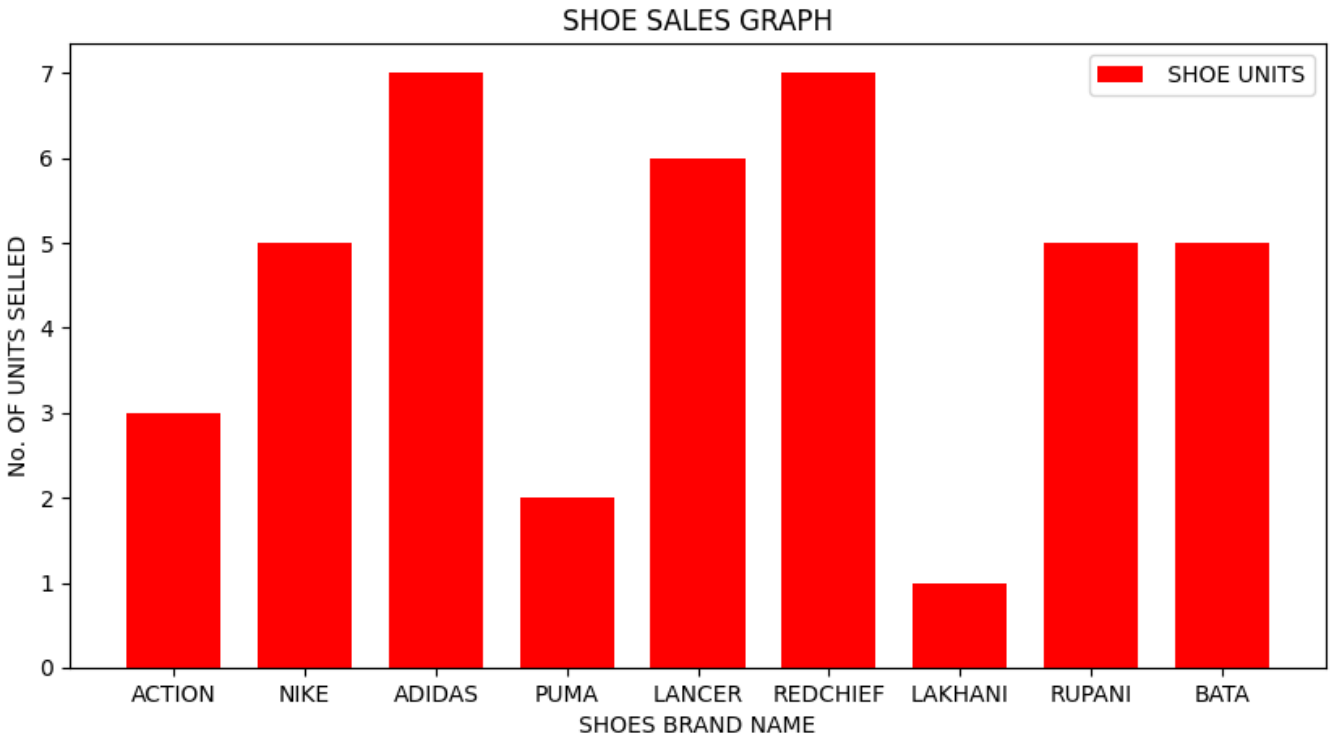
SALES GRAPH : MATPLOTLIB


```python
import matplotlib.pyplot as plt
import csv

x = []
y = []

with open('graph.csv','r') as csvfile:
    plots = csv.reader(csvfile, delimiter = ',')

    for row in plots:
        x.append(row[1])
        y.append(int(row[4]))
f=plt.figure()
f.set_figwidth(10)
f.set_figheight(5)
plt.bar(x, y, color = 'r', width = 0.72, label = " SHOE UNITS")
plt.xlabel('SHOES BRAND NAME')
plt.ylabel('No. OF UNITS SELLED')
plt.title('SHOE SALES GRAPH')
plt.legend()
plt.show()
```

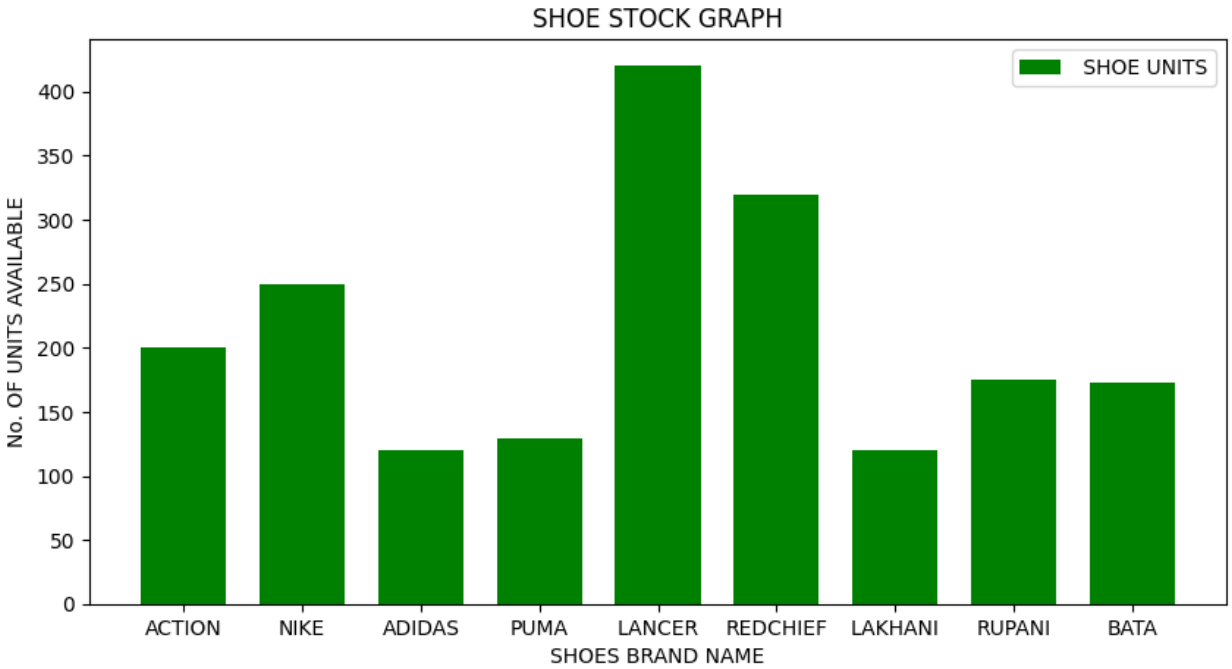
STOCKS GRAPH : MATPLOTLIB


```python
import matplotlib.pyplot as plt
import csv

x = []
y = []

with open('graph.csv','r') as csvfile:
    plots = csv.reader(csvfile, delimiter = ',')

    for row in plots:
        x.append(row[1])
        y.append(int(row[3]))

f=plt.figure()
f.set_figwidth(10)
f.set_figheight(5)
plt.bar(x, y, color = 'g', width = 0.72, label = " SHOE UNITS")
plt.xlabel('SHOES BRAND NAME')
plt.ylabel('No. OF UNITS AVAILABLE')
plt.title('SHOE STOCK GRAPH')
plt.legend()
plt.show()
```

OUTPUT:GRAPH



OUTPUT:GRAPH



FUTURE SCOPE

- In future this software will be there in a high demand as the every thing is getting advanced.
- If this software is developed with help of a big database like oracle , the software’s demand will further increase.
- As this software is very cheap, its affordability will be more.

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Any Questions?

Presentation by:

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REGARDS