STUDENT MANAGEMENT SYSTEM

INTRODUCTION

THIS COMPUTER PROJECT ON 'STUDENT MANAGEMENT SYSTEM' DEALS WITH MANAGING STUDENT RECORDS, WHICH STANDS AS A PRELIMINARY REQUIREMENT FOR ANY EDUCATIONAL INSTITUTION.

AS SOON AS A STUDENT TAKES AN ADMISSION, THIS MANAGEMNT SYSTEM COMES INTO PLAY, WHERE COMPLETE BIO-DATA OF STUDENT HAS TO BE STORED TO KEEP AS A RECORD FOR FUTURE REFERENCE.

THIS EFFIECIENT WAY OF STORING MULTIPLE INFORMATION OF MULTIPLE STUDENTS THROUGH INTER-RELATION BETWEEN PROGRAMMING SOFTWARES AND RELATIONAL DATABASES PROVIDES A GREAT EASE TO DATA MANAGEMENT.

ALL THE OPERATIONS LIKE CREATE, READ, UPDATE, DELETE,ETC. CAN BE DONE AT ONE PLACE ONLY.

ONE MORE BENEFIT OF SUCH KIND OF SYSTEM IS THAT IT PROVIDES DATA REDUNDANCY, BY WHICH ANY OPERATION PERFORMED IN THE DATABASE WOULD RESULT THE RESPECTIVE CHANGE IN ALL OTHER UDERLYING TABLES.

WHEREAS LARGE DATA CAPACITY, LESS TIME AND MONEY COSTING, FASTNESS, ACCESSIBILITY, ETC. ADDS UP TO THE BENEFITS OF THIS SYSTEM.

PACKAGES/MODULES USED

THIS PROJECT USES VARIOUS PACKAGES, SUBPACKAGES AND MODULES AS MENTIONED BELOW:-

- **MAIN_MENU**
  - ❖ ADMISSION
    - ✔ ADM_MENU
    - ✔ Admin_Details
    - ✔ Show_Admin_Details
    - ✔ Search_Admin_Details
    - ✔ Delete_Admin_Details
    - ✔ Edit_Admin_Details
      - ● edit_name
      - ● edit_address
      - ● edit_phno
  - ❖ STUDENTS_DATA
    - ✔ STU_MENU
    - ✔ Add_Records
    - ✔ Show_Stu_Details
    - ✔ Search_Stu_Details
    - ✔ Delete_Stu_Details
    - ✔ Edit_Stu_Details
      - ● edit_session
      - ● edit_name
      - ● edit_class
      - ● edit_section
      - ● edit_rollno
      - ● edit_sub1
      - ● edit_sub2
      - ● edit_sub3

DATABASE STRUCTURE

```
MySQL 8.0 Command Line Client

mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| books              |
| db1                |
| dbs1               |
| dbs2               |
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| student            |
| student_management |
| students           |
| sys                |
| world              |
+--------------------+
13 rows in set (0.07 sec)

mysql> use STUDENT_MANAGEMENT;
Database changed
mysql> show tables;
+------------------------------+
| Tables_in_student_management |
+------------------------------+
| admission                    |
| students_data                |
+------------------------------+
2 rows in set (0.00 sec)

mysql> desc ADMISSION;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| AdminNo | int         | YES  |     | NULL    |       |
| RollNo  | int         | YES  |     | NULL    |       |
| SName   | char(30)    | YES  |     | NULL    |       |
| Address | varchar(40) | YES  |     | NULL    |       |
| Phone   | char(20)    | YES  |     | NULL    |       |
| STD     | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
6 rows in set (0.05 sec)

mysql> DESC Students_Data;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| Session  | varchar(30) | YES  |     | NULL    |       |
| SName    | char(30)    | YES  |     | NULL    |       |
| SClass   | int         | YES  |     | NULL    |       |
| SSection | char(20)    | YES  |     | NULL    |       |
| SRollNo  | int         | YES  |     | NULL    |       |
| Subject1 | char(40)    | YES  |     | NULL    |       |
| Subject2 | char(40)    | YES  |     | NULL    |       |
| Subject3 | char(40)    | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
8 rows in set (0.08 sec)
```

SHORT DESCRIPTION OF THE MODULE

THIS PROJECT USES VARIOUS MODULES DIVIDED INTO SUBMODULES. ''ADMISSION_MENU'' DEALS WITH THE FIRST PHASE OF THE MANAGEMENT SYSTEM,I.E., HERE THE USER IS REQUIRED TO COMPLETE HIS/HER ADMISSION PROCEDURE. HERE THE DATA OF THE STUDENT CAN BE INSERTED, PRESENTED, SEARCHED, DELETED, AND CAN BE UPDATED TOO.

THE SECOND PHASE INVOLVES "STUDENTS_DATA" IN WHICH ACADEMIC DETAILS OF THE STUDENT ARE STORED LIKE THE STUDENT'S NAME, SECTION, SESSION, ROLL, SUBJECTS PURSUING, ETC. HERE FLEXIBILITY IS PROVIDED TO THE MANAGEMENT IN TERMS OF CREATING, SEARCHING, DELETING, AND UPDATING RECORDS IN A VERY EASY AND EFFICIENT WAY.

SOURCE CODE FOR MAIN_MENU

```python
#SOURCE CODE FOR MAIN MENU.
import MAIN_MENU
import ADMISSION
import STUDENTS_DATA
while True:
    print("\t\t........................................................")
    print("\t\t*******WELCOME TO STUDENT MANAGEMENT
        SYSTEM*******")
    print("\t\t........................................................")
    print("\n\t\t**********ABC PUBLIC SCHOOL***********")
    print("1: ADMISSION")
    print("2: STUDENTS_DATA")
    print("3: EXIT")

print("\t\t------------------------------------------------------------")
    choice=int(input("Enter your choice: "))
    if choice==1:
        ADMISSION.ADM_MENU()
    elif choice==2:
        STUDENTS_DATA.STU_MENU()
    elif choice==3:
        break
```

```python
    else:
        print("Error: Invalid Choice ...Try Again...")
        conti=input("Press any key to continue: ")
```

SOURCE CODE FOR "ADMISSION"

```python
# SOURCE CODE FOR ADMISSION MENU.
import ADMISSION
import mysql.connector
def ADM_MENU():
    while True:
        print("\t\t.........................................................")
        print("\t\t*******WELCOME TO STUDENT MANAGEMENT
        SYSTEM*******")
        print("\t\t.........................................................")
        print("\n\t\t*******ADMISSION*******")
        print("1: Admission Details")
        print("2: Show Admission Details")
        print("3: Search")
        print("4: Deletion of Records")
        print("5: Update Admission Details")
        print("6: Return")
        print("\t\t.........................................................")
        choice=int(input("Enter your choice: "))
        if choice==1:
```

```python
            ADMISSION.Admin_Details()
        elif choice==2:
            ADMISSION.Show_Admin_Details()
        elif choice==3:
            ADMISSION.Search_Admin_Details()
        elif choice==4:
            ADMISSION.Delete_Admin_Details()
        elif choice==5:
            ADMISSION.Edit_Admin_Details()
        elif choice==6:
            return
        else:
            print("Error: Invalid Choice ...Try Again...")
            conti="Press any key to Return to MAIN_MENU: "
def Admin_Details():
    while True:
        con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
        cursor=con.cursor()
        adno=input("Enter Admission Number:")
        rno=int(input("Enter RollNo:"))
        sname=input("Enter Student Name:")
        address=input("Enter Address:")
        phone=input("Enter Phone Number.:")
```

```python
        std=input("Enter Class:")
        query="insert into ADMISSION values('{}',{},'{}','{}','{}','{}')".format(adno,rno,sname,address,phone,std)
        cursor.execute(query)
        con.commit()
        con.close()
        cursor.close()
        print("CONGRATS! DESIRED RECORDS HAVE BEEN SAVED IN
            ADMISSION TABLE")
        print("THANK YOU!...")
        ch=input("Do you want to enter more records?(y/n)")
        if ch=="n":
            break
def Show_Admin_Details():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    cursor.execute("select * from ADMISSION")
    data=cursor.fetchall()
    for row in data:
        print(row)
def Search_Admin_Details():
    con=mysql.connector.connect(host="localhost",
```

```python
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter admission number:")
    st="Select * from ADMISSION where AdminNo='%s'"%(ac)
    cursor.execute(st)
    data=cursor.fetchall()
    print("THANK YOU!...YOUR DESIRED DATA IS...")
    print(data)
def Delete_Admin_Details():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter Admission Number:")
    st="Delete from ADMISSION where AdminNo='%s'"%(ac)
    cursor.execute(st)
    con.commit()
    print("Data deleted successfully")
    print("THANK YOU!")
def Edit_Admin_Details():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
```

```python
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    print("1. Edit Name")
    print("2. Edit Address")
    print("3. Phone Number")
    print("4. Return")
    print("\t\t- - - - - - - - - - - - - - -")
    choice=int(input("Enter your choice:"))
    if choice==1:
        ADMISSION.edit_name()
    elif choice==2:
        ADMISSION.edit_address()
    elif choice==3:
        ADMISSION.edit_phno()
    elif choice==4:
        return
    else:
        print("Error:   Invalid choice try again.......")
        conti="press any key to return to"
def edit_name():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter Admission No.:")
```

```python
    nm=input("Enter Correct Name:")
    st="update ADMISSION set SName='%s' where
AdminNo='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_address():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter Admission No.:")
    nm=input("Enter Correct Address:")
    st="update ADMISSION set Address='%s' where
AdminNo='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_phno():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",
                    database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
```

```python
ac=input("Enter Admission No.:")
nm=input("Enter Correct PhNo.:")
st="update ADMISSION set Phone='%s' where
AdminNo='%s'"%(nm,ac)
cursor.execute(st)
con.commit()
print("DATA UPDATED SUCCESSFULLY")
print("THANK YOU!...")
```

SAMPLE OUTPUTS FOR "ADMISSION"

```
C:\Users\rahul\Desktop\PYTHON\PYTHON PROJECT>python MAIN_MENU.py
                ..........................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                ..........................................................

                **********ABC PUBLIC SCHOOL************
1: ADMISSION
2: STUDENT_DATA
3: EXIT
                ----------------------------------------------------------
Enter your choice: 1
                ..........................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                ..........................................................

                *******ADMISSION*******
1: Admission Details
2: Show Admission Details
3: Search
4: Deletion of Records
5: Update Admission Details
6: Return
                ..........................................................
Enter your choice: 1
Enter Admission Number:112889
Enter RollNo:21
Enter Student Name:Akash
Enter Address:5,Jugi Para, Stree No.2
Enter Phone Number.:9163089536
Enter Class:12
CONGRATS! DESIRED RECORDS HAVE BEEN SAVED IN ADMISSION TABLE
Do you want to enter more records?(y/n)y
Enter Admission Number:112890
Enter RollNo:27
Enter Student Name:Amit
Enter Address:8,ABC Road,24/6
Enter Phone Number.:9173596356
Enter Class:11
CONGRATS! DESIRED RECORDS HAVE BEEN SAVED IN ADMISSION TABLE
Do you want to enter more records?(y/n)y
Enter Admission Number:112792
Enter RollNo:19
Enter Student Name:Sakshi
Enter Address:465,Hargobind Road,Atul Vihar
Enter Phone Number.:7249712075
Enter Class:12
CONGRATS! DESIRED RECORDS HAVE BEEN SAVED IN ADMISSION TABLE
Do you want to enter more records?(y/n)y
Enter Admission Number:123355
Enter RollNo:25
Enter Student Name:Debnath
Enter Address:234,Shyam Lake Garden,Block-D
Enter Phone Number.:9473947011
Enter Class:11
CONGRATS! DESIRED RECORDS HAVE BEEN SAVED IN ADMISSION TABLE
Do you want to enter more records?(y/n)y
Enter Admission Number:132455
Enter RollNo:45
```

```
C:\Windows\System32\cmd.exe - python MAIN_MENU.py

C:\Users\rahul\Desktop\PYTHON\PYTHON PROJECT>python MAIN_MENU.py
                .................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                .................................................


                **********ABC PUBLIC SCHOOL************
1: ADMISSION
2: STUDENT_DATA
3: EXIT
                -----------------------------------------------------------
Enter your choice: 1
                .................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                .................................................


                *******ADMISSION*******
1: Admission Details
2: Show Admission Details
3: Search
4: Deletion of Records
5: Update Admission Details
6: Return
                .................................................
Enter your choice: 2
(112889, 21, 'Akash', '5,Jugi Para, Stree No.2', '9163089536', 12)
(112890, 27, 'Amit', '8,ABC Road,24/6', '9173596356', 11)
(112792, 19, 'Sakshi', '465,Hargobind Road,Atul Vihar', '7249712075', 12)
(123355, 25, 'Debnath', '234,Shyam Lake Garden,Block-D', '9473947011', 11)
(132455, 45, 'Akanshi', '243,Shyamnagar,plot-2/6,bakura colony', '9163085488', 10)
                .................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                .................................................


                *******ADMISSION*******
1: Admission Details
2: Show Admission Details
3: Search
4: Deletion of Records
5: Update Admission Details
6: Return
                .................................................
Enter your choice: 3
Enter admission number:112792
THANK YOU!...YOUR DESIRED DATA IS...
[(112792, 19, 'Sakshi', '465,Hargobind Road,Atul Vihar', '7249712075', 12)]
                .................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                .................................................
```

```
1: Admission Details
2: Show Admission Details
3: Search
4: Deletion of Records
5: Update Admission Details
6: Return
                ..................................................
Enter your choice: 2
(112889, 21, 'Akash', '5,Jugi Para, Stree No.2', '9163089536', 12)
(112890, 27, 'Amit', '8,ABC Road,24/6', '9173596356', 11)
(112792, 19, 'Sakshi', '465,Hargobind Road,Atul Vihar', '7249712075', 12)
(123355, 25, 'Debnath', '234,Shyam Lake Garden,Block-D', '9473947011', 11)
(132455, 45, 'Akanshi', '243,Shyamnagar,plot-2/6,bakura colony', '9163085488', 10)
                ..................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                ..................................................

                *******ADMISSION*******
1: Admission Details
2: Show Admission Details
3: Search
4: Deletion of Records
5: Update Admission Details
6: Return
                ..................................................
Enter your choice: 5
1.Edit Name
2. Edit Address
3. Phone Number
4. Return
                - - - - - - - - - - - - - -
Enter your choice:1
Enter Admission No.:132455
Enter Correct Name:Akansha
DATA UPDATED SUCCESSFULLY
THANK YOU!...
                ..................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                ..................................................

                *******ADMISSION*******
1: Admission Details
2: Show Admission Details
3: Search
4: Deletion of Records
5: Update Admission Details
6: Return
                ..................................................
Enter your choice: 2
(112889, 21, 'Akash', '5,Jugi Para, Stree No.2', '9163089536', 12)
(112890, 27, 'Amit', '8,ABC Road,24/6', '9173596356', 11)
(112792, 19, 'Sakshi', '465,Hargobind Road,Atul Vihar', '7249712075', 12)
(123355, 25, 'Debnath', '234,Shyam Lake Garden,Block-D', '9473947011', 11)
(132455, 45, 'Akansha', '243,Shyamnagar,plot-2/6,bakura colony', '9163085488', 10)
```

SOURCE CODE FOR "STUDENTS_DATA"

SOURCE CODE FOR STUDENT_DATA MENU.

```python
import MAIN_MENU
import STUDENTS_DATA
import mysql.connector
def STU_MENU():
    while True:
        #student_data.clrScreen ()

print("\t\t...............................................................................................")
        print("\t\t*******WELCOME TO STUDENT
                MANAGEMENT SYSTEM*********")

print("\t\t...............................................................................................")
        print("\n\t\t*****STUDENTS DATA MENU******")
        print("1. Add Student Records")
        print("2. Show Student Details")
        print("3. Search Student Record")
        print("4. Delete Student Record")
        print("5. Edit Student Record")
        print("6. Exit")
```

```python
        print("\t\t- - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -
        ")
    choice=int(input("Enter your choice 1-6:"))
    if choice==1:
        STUDENTS_DATA.Add_Records()
    elif choice==2:
        STUDENTS_DATA.Show_Stu_Details()
    elif choice==3:
        STUDENTS_DATA.Search_Stu_Details()
    elif choice==4:
        STUDENTS_DATA.Delete_Stu_Details()
    elif choice==5:
        STUDENTS_DATA.Edit_Stu_Details()
    elif choice==6:
        return
    else:
        print("Error: Invalid Choice try again....")
        conti="Press any key to return to Main Menu"
def Add_Records():
    while True:
        con=mysql.connector.connect(host="localhost",
                        user="root",
                        password="1234",
```

```python
        database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    session=input("Enter Academic Session
(eg,2019-20):")
    stname=input("Enter Student Name:")
    stclass=int(input("Enter Class:"))
    stsec=input("Enter Section:")
    stroll=int(input("Enter RollNo.:"))
    sub1=input("Enter Subject1:")
    sub2=input("Enter Subject2:")
    sub3=input("Enter Subject3:")
    query="insert into STUDENTS_DATA
values('{}','{}',{},'{}',{},'{}','{}','{}')".format(session,stname,stclass
,stsec,stroll,sub1,sub2,sub3)
    cursor.execute(query)
    con.commit()
    con.close()
    cursor.close()
    print("CONGRATS!...Record has been successfully
saved in
        student table...")
    print("THANK YOU!...")
    ch=input("Do you want to enter more
records?(y/n)")
```

```python
        if ch=="n":
            break
def Show_Stu_Details():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    cursor.execute("select * from STUDENTS_DATA")
    data=cursor.fetchall()
    for row in data:
        print(row)
def Search_Stu_Details():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter STUDENT'S NAME:")
    st="select * from STUDENTS_DATA where
SName='%s'"%(ac)
    cursor.execute(st)
```

```python
    data=cursor.fetchall()
    print("YOUR DESIRED DATA IS....")
    print(data)
    print("THANK YOU!...")
def Delete_Stu_Details():
    con=mysql.connector.connect(host="localhost",
                  user="root",
                  password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter STUDENT'S NAME.:")
    st="delete from STUDENTS_DATA where
SName='%s'"%(ac)
    cursor.execute(st)
    con.commit()
    print("Data deleted successfully")
    print("THANK YOU!...")
def Edit_Stu_Details():
    con=mysql.connector.connect(host="localhost",
                  user="root",
                  password="1234",

database="STUDENT_MANAGEMENT")
```

```python
print("1: EDIT SESSION")
print("2: EDIT NAME")
print("3: EDIT CLASS")
print("4: EDIT SECTION")
print("5: EDIT ROLL N0.")
print("6: EDIT SUBJECT 1")
print("7: EDIT SUBJECT 2")
print("8: EDIT SUBJECT 3")
print("9: RETURN")
print("\t\t- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -")
choice=int(input("PLEASE Enter Your Choice:"))
if choice==1:
    STUDENTS_DATA.edit_session()
elif choice==2:
    STUDENTS_DATA.edit_name()
elif choice==3:
    STUDENTS_DATA.edit_class()
elif choice==4:
    STUDENTS_DATA.edit_section()
elif choice==5:
    STUDENTS_DATA.edit_rollno()
elif choice==6:
    STUDENTS_DATA.edit_sub1()
```

```python
        elif choice==7:
            STUDENTS_DATA.edit_sub2()
        elif choice==8:
            STUDENTS_DATA.edit_sub3()
        elif choice==9:
            return
        else:
            print("Error:   Invalid choice try again.......")
            conti="press any key to return to"
def edit_session():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter NAME:")
    nm=input("Enter Correct SESSION:")
    st="update STUDENTS_DATA set Session='%s' where
SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
```

```python
def edit_name():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter NAME:")
    nm=input("Enter Correct NAME:")
    st="update STUDENTS_DATA set SName='%s' where SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_class():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter NAME:")
    nm=input("Enter Correct CLASS:")
```

```python
    st="update STUDENTS_DATA set SClass='%s' where
SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_section():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.section()
    ac=input("Enter NAME:")
    nm=input("Enter Correct SECTION:")
    st="update STUDENTS_DATA set SSection='%s'
where SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_rollno():
    con=mysql.connector.connect(host="localhost",
                    user="root",
```

```python
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.cursor()
    ac=input("Enter NAME:")
    nm=input("Enter Correct ROLL NO.:")
    st="update STUDENTS_DATA set SRollNo='%s' where SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_sub1():
    con=mysql.connector.connect(host="localhost",
                    user="root",
                    password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.sub1()
    ac=input("Enter NAME:")
    nm=input("Enter Correct SUBJECT 1:")
    st="update STUDENTS_DATA set Subject1='%s' where SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
```

```python
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_sub2():
    con=mysql.connector.connect(host="localhost",
                  user="root",
                  password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.sub2()
    ac=input("Enter NAME:")
    nm=input("Enter Correct SUBJECT 2:")
    st="update STUDENTS_DATA set Subject2='%s'
where SName='%s'"%(nm,ac)
    cursor.execute(st)
    con.commit()
    print("DATA UPDATED SUCCESSFULLY")
    print("THANK YOU!...")
def edit_sub3():
    con=mysql.connector.connect(host="localhost",
                  user="root",
                  password="1234",

database="STUDENT_MANAGEMENT")
    cursor=con.sub3()
```

```python
ac=input("Enter NAME:")
nm=input("Enter Correct SUBJECT 3:")
st="update STUDENTS_DATA set Subject3='%s' where SName='%s'"%(nm,ac)
cursor.execute(st)
con.commit()
print("DATA UPDATED SUCCESSFULLY")
print("THANK YOU!...")
```

SAMPLE OUTPUTS OF "STUDENTS_DATA"

```
C:\Windows\System32\cmd.exe

Enter Academic Session (eg,2019-20):2004-2005
Enter Student Name:Raj
Enter Class:12
Enter Section:A
Enter RollNo.:1
Enter Subject1:English
Enter Subject2:Maths
Enter Subject3:Physics
CONGRATS!...Record has been successfully saved in student table...
THANK YOU!...
Do you want to enter more records?(y/n)y
Enter Academic Session (eg,2019-20):2006-2007
Enter Student Name:Manoj
Enter Class:10
Enter Section:A
Enter RollNo.:34
Enter Subject1:History
Enter Subject2:Maths
Enter Subject3:Science
CONGRATS!...Record has been successfully saved in student table...
THANK YOU!...
Do you want to enter more records?(y/n)y
Enter Academic Session (eg,2019-20):2003-2004
Enter Student Name:Meena
Enter Class:12
Enter Section:D
Enter RollNo.:54
Enter Subject1:Chemistry
Enter Subject2:Computer
Enter Subject3:English
CONGRATS!...Record has been successfully saved in student table...
THANK YOU!...
Do you want to enter more records?(y/n)y
Enter Academic Session (eg,2019-20):2006-2007
Enter Student Name:Rajeev
Enter Class:9
Enter Section:G
Enter RollNo.:45
Enter Subject1:English
Enter Subject2:SST
Enter Subject3:Science
CONGRATS!...Record has been successfully saved in student table...
THANK YOU!...
Do you want to enter more records?(y/n)y
Enter Academic Session (eg,2019-20):2004-2005
Enter Student Name:Suman
Enter Class:12
Enter Section:F
Enter RollNo.:55
Enter Subject1:Biology
Enter Subject2:Maths
Enter Subject3:PE
CONGRATS!...Record has been successfully saved in student table...
THANK YOU!...
```

```
C:\Users\rahul\Desktop\PYTHON\PYTHON PROJECT>python MAIN_MENU.py
                ...............................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*******
                ...............................................................


                **********ABC PUBLIC SCHOOL************
1: ADMISSION
2: STUDENTS_DATA
3: EXIT
                ------------------------------------------------------------
Enter your choice: 2
                .......................................................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*********
                .......................................................................................


                *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
                - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:2
('2008-2009', 'Shekhar', 4, 'D', 45, 'SST', 'English', 'Maths')
('2003-2004', 'Meena', 12, 'D', 54, 'Chemistry', 'Computer', 'English')
('2006-2007', 'Rajeev', 9, 'G', 45, 'English', 'SST', 'Science')
('2004-2005', 'Suman', 12, 'F', 55, 'Biology', 'Maths', 'PE')
('2004-2005', 'Raj', 12, 'A', 45, 'English', 'Maths', 'Chemistry')
('2008-2009', 'Debdip', 8, 'G', 48, 'Geography', 'Bengali', 'Maths')
                .......................................................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*********
                .......................................................................................


                *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
                - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:3
Enter STUDENT'S NAME:Raj
YOUR DESIRED DATA IS....
[('2004-2005', 'Raj', 12, 'A', 45, 'English', 'Maths', 'Chemistry')]
THANK YOU!...
                .......................................................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*********
                .......................................................................................


                *****STUDENTS DATA MENU******
```

```
C:\Windows\System32\cmd.exe - python MAIN_MENU.py

              *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
              - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:4
Enter STUDENT'S NAME.:Debdip
Data deleted successfully
THANK YOU!...

              ..................................................................................
              ********WELCOME TO STUDENT MANAGEMENT SYSTEM*********

              ..................................................................................


              *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
              - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:2
('2008-2009', 'Shekhar', 4, 'D', 45, 'SST', 'English', 'Maths')
('2003-2004', 'Meena', 12, 'D', 54, 'Chemistry', 'Computer', 'English')
('2006-2007', 'Rajeev', 9, 'G', 45, 'English', 'SST', 'Science')
('2004-2005', 'Suman', 12, 'F', 55, 'Biology', 'Maths', 'PE')
('2004-2005', 'Raj', 12, 'A', 45, 'English', 'Maths', 'Chemistry')

              ..................................................................................
              ********WELCOME TO STUDENT MANAGEMENT SYSTEM*********

              ..................................................................................


              *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
              - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:
```

```
('2004-2005', 'Raj', 12, 'A', 45, 'English', 'Maths', 'Chemistry')
                ........................................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*********
                ........................................................................

                *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
                - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:5
1: EDIT SESSION
2: EDIT NAME
3: EDIT CLASS
4: EDIT SECTION
5: EDIT ROLL N0.
6: EDIT SUBJECT 1
7: EDIT SUBJECT 2
8: EDIT SUBJECT 3
9: RETURN
                - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
PLEASE Enter Your Choice:1
Enter NAME:Raj
Enter Correct SESSION:2005-2006
DATA UPDATED SUCCESSFULLY
THANK YOU!...
                ........................................................................
                *******WELCOME TO STUDENT MANAGEMENT SYSTEM*********
                ........................................................................

                *****STUDENTS DATA MENU******
1. Add Student Records
2. Show Student Details
3. Search Student Record
4. Delete Student Record
5. Edit Student Record
6. Exit
                - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Enter your choice 1-6:2
('2008-2009', 'Shekhar', 4, 'D', 45, 'SST', 'English', 'Maths')
('2003-2004', 'Meena', 12, 'D', 54, 'Chemistry', 'Computer', 'English')
('2006-2007', 'Rajeev', 9, 'G', 45, 'English', 'SST', 'Science')
('2004-2005', 'Suman', 12, 'F', 55, 'Biology', 'Maths', 'PE')
('2005-2006', 'Raj', 12, 'A', 45, 'English', 'Maths', 'Chemistry')
```

THANK YOU