create database student\_management;

use student\_management;

create table students(

roll\_no varchar(20) primary key,

name varchar(100),

class varchar(20),

section varchar(5),

password varchar(100),

email varchar(100)

);

create table marks(

roll\_no varchar(20),

subject varchar(50),

marks INT,

primary key (roll\_no,subject),

foreign key(roll\_no) references

students(roll\_no)

);

create table timetable(

class varchar(20),

section varchar(5),

day varchar(20),

period1 varchar(50),

period2 varchar(50),

period3 varchar(50),

period4 varchar(50),

primary key(class,section,day)

);

from db import connection

conn = connection()

if conn:

print("Connection established successfully")

else:

print("Connection failed")

def insert\_data():

roll\_no = int(input("Enter roll\_no: "))

name = input("Enter name: ")

branch = input("Enter branch: ")

cursor = conn.cursor()

query = "INSERT INTO Student(roll\_no, name, branch) VALUES (%s, %s, %s)"

values = (roll\_no, name, branch)

cursor.execute(query, values)

conn.commit()

print("Data inserted successfully")

def fetch\_data():

cursor=conn.cursor()

query="select\* from Student"

cursor.execute(query)

results=cursor.fetchall()

for row in results:

print(row)

fetch\_data()

def update\_data():

roll\_no = int(input("Enter roll\_no to update: "))

name = input("Enter name: ")

branch = input("Enter branch: ")

cursor=conn.cursor()

query="update Student set name=%s,branch=%s where roll\_no=%s"

values=(name,branch,roll\_no)

cursor.execute(query,values)

conn.commit()

print("data updated successfully")

print("1.insert data")

print("2.fetch data")

print("3.update data")

print("Enter 4 to exit")

while True:

choice=int(input("enter your choice(1-4):"))

if choice==1:

insert\_data()

elif choice==2:

fetch\_data()

elif choice==3:

updata\_data()

elif choice==4:

exiting\_data()

break

import mysql.connector

def connection():

conn=mysql.connector.connect(

host='localhost',

user='root',

password="Mouni@123",

database="Practice\_crt"

)

return connection

if(connection()):

print("connection established")

else:

print("connection failed")

'''

ADMIN FEATURES:

1.ADD STUDENT

2.DELETE STUDENT

3.UPDATE STUDENT

4.TIME TABLE

5.MARKS

'''

from db import connect

def admin():

conn=connect()

cursor=conn.cursor()

print("""\nAdmin Menu:

1.Add student

2.update student details

3.reset student password

4.update Marks

5.view All students

6.update Timetable

7.logout""")

choice=int(input("enter your choice:"))

if choice==1:

add\_student()

elif choice==2:

update\_student()

elif choice==3:

reset\_student()

elif choice==4:

update Marks()

elif choice==5:

view all students()

elif choice==6:

update\_timetable()

elif choice==7

logout()

else:

print("Invalid choice. Please try again.")

def add\_student():

conn=connect()

cursor=conn.cursor()

roll\_no=input("enter roll\_no:")

name=input("enter name:")

class\_name=input=("enter class:")

section=input("enter section:")

password="password@132"

email=input("enter email:")

query="insert into students(roll\_no,name,class\_name,section,password,email) values(%s,%s,%s,%s,%s,%s)

values=(roll\_no,name,class\_name,section,password,email)

cursor.execute(query,values)

conn.commit()

print("student added successfully")

def update\_student():

pass

def reset\_student\_password():

pass

def update\_marks():

pass

def view\_all\_students():

pass

def update\_timetable():

pass

def logout():

print("logging out..")

return

# EXAMPLE USAGE

if\_name=="main\_":

admin()