COURSE MANAGEMENT SYSTEM

Introduction:

course Management System can be used by education institutes to maintain the records of the courses taken by students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project.

Objective:

1. We get course details chosen by students.
2. We get which faculty dealing with which course.
3. Searching the course , faculty , student records.
4. Deleting the course , faculty , student records.

Implementation:

print("\*\*\*\*COURSE MANAGEMENT SYSTEM\*\*\*\*")  
# creating database  
import mysql.connector  
mydb = mysql.connector.connect(host="localhost", user="root", passwd="Lahari@24")  
mycursor = mydb.cursor()  
mycursor.execute("create database if not exists pyportal")  
mycursor.execute("use pyportal")  
# creating required tables  
mycursor.execute("create table if not exists pystudent(student\_name varchar(50) not null,reg\_no varchar(50) not null)")  
mycursor.execute("create table if not exists pyfaculty(faculty\_name varchar(50) not null,course\_name varchar(50) not null)")  
mycursor.execute("create table if not exists pycourse(course\_name varchar(50) not null,course\_code varchar(50) not null)")  
mydb.commit()  
while True:  
 print("1=enter data for new student")  
 print("2=enter data for new faculty")  
 print("3=enter data for new courses")  
 print("4=search student data")  
 print("5=search faculty data")  
 print("6=search course data")  
 print("7=remove student data")  
 print("8=remove faculty data")  
 print("9=remove course data")  
 print("10=exit")  
 ch = int(input("enter your choice:"))  
 # procedure for entering a new student record  
 if(ch==1):  
 print("all information prompted are mandatory to be filled")  
 student\_name=input("enter name(limit 40 characters):")  
 reg\_no=str(input("enter reg\_no:"))  
 mycursor.execute("insert into pystudent values('"+student\_name+"','"+reg\_no+"')")  
 mydb.commit()  
 print("student record has been saved successfully!!")  
 continue  
 #procedure for entering a new faculty record  
 elif(ch==2):  
 faculty\_name=str(input("enter name:"))  
 course\_name=str(input("enter course\_name:"))  
 mycursor.execute("insert into pyfaculty values('"+faculty\_name+"','"+course\_name+"')")  
 mydb.commit()  
 print("faculty record has been saved successfully!!")  
 continue  
 #procedure for entering a new course record  
 elif(ch==3):  
 course\_name=str(input("enter name:"))  
 course\_code=str(input("enter course\_code:"))  
 mycursor.execute("insert into pycourse values('"+course\_name+"','"+course\_code+"')")  
 mydb.commit()  
 print("course record has been saved successfully!!")  
 continue  
 #procedure for displaying student record  
 elif(ch==4):  
 reg\_no=str(input("enter reg\_no:"))  
 mycursor.execute("select \* from pystudent where reg\_no='"+reg\_no+"'")  
 for i in mycursor:  
 student\_name,reg\_no=i  
 print(f'student name :- {student\_name}')  
 print(f'reg no :- {reg\_no}')  
 continue  
 #procedure for displaying faculty record  
 elif(ch==5):  
 faculty\_name=str(input("enter name:"))  
 mycursor.execute("select \* from pyfaculty where faculty\_name='"+faculty\_name+"'")  
 for i in mycursor:  
 faculty\_name,course\_name=i  
 print(f'faculty name :- {faculty\_name}')  
 print(f'course name :- {course\_name}')  
 continue  
 #procedure for displaying course record  
 elif(ch==6):  
 course\_code=str(input("enter course\_code:"))  
 mycursor.execute("select \* from pycourse where course\_code='"+course\_code+"'")  
 for i in mycursor:  
 course\_name,course\_code=i  
 print(f'course name :- {course\_name}')  
 print(f'course code :- {course\_code}')  
 continue  
 # procedure for deleting student record  
 elif(ch==7):  
 reg\_no=str(input("enter reg\_no:"))  
 mycursor.execute("delete from pystudent where reg\_no='"+reg\_no+"'")  
 mydb.commit()  
 print("student record is successfully deleted!!")  
 continue  
 #procedure for deleting faculty record  
 elif(ch==8):  
 faculty\_name=str(input("enter name:"))  
 mycursor.execute("delete from pyfaculty where faculty\_name='"+faculty\_name+"'")  
 mydb.commit()  
 print("faculty record is successfully deleted!!")  
 continue  
 #procedure for deleting course record  
 elif(ch==9):  
 course\_code=str(input("enter course\_code:"))  
 mycursor.execute("delete from pycourse where course\_code='"+course\_code+"'")  
 mydb.commit()  
 print("course record is successfully deleted!!")  
 continue  
 elif(ch==10) :  
 exit()

output:

add course record , search faculty record , remove student record:





