CERTIFICATE

THIS IS TO CERTIFY THAT ADITI GUPTA OF CLASS XII-A HAS SUCCESSFULLY COMPLETED COMPUTER SCIENCE PROJECT TITLED INSTITUTE MANAGEMENT AS PRESCRIBED BY CBSE UNDER MY GUIDANCE FOR THE ACADEMIC YEAR 2020-21.THE PROJECT REPORT IS FOUND WORTHY OF ACCEPTANCE

(SIGNATURE)

(CSc TEACHER)

(DELHI PUBLIC SCHOOL ROHINI)

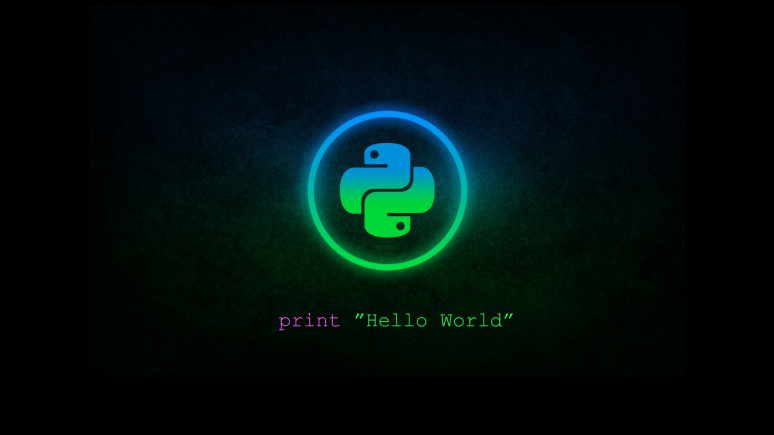
ACKNOWLEDGEMENT

I WOULD LIKE TO EXPRESS DEEP SENSE OF THANKS AND GRATITUDE TO MY COMPUTER SCIENCE TEACHER MRS.ANSHU KUMAR TO HER CONSTRUCTIVE GUIDANCE AND CONSTANT SUPPORT.

ADITI GUPTA

CLASS-XII-A

ABOUT THE PROJECT



INSTITUTE MANAGEMENT IS DESIGNED TO AUTOMATE THE MANAGEMENT PROCESS OF AN INSTITUTE FROM STUDENT ADMISSIONS ,COURSE MANAGEMENT TO SCHEDULE MANAGEMENT .THIS SOFTWARE IS USER-FRIENDLY DESIGNED TO AUTOMATE ,MANAGE AND LOOK AFTER OVER PROCESSING OF LARGE EDUCATIONAL INSTITUTIONS.

PROGRAMS USED:

PYTHON 3.7.3

MYSQL 5.7

TABLES CREATED:

BATCHMATES

INFO

MODULE USED:

FUNCTIONS

CSV

RANDOM

SQL CONNECTOR

FUNCTIONS OF MODULE USED:

WRITE

COMP

MED

FASHION

BUSINESS

AERO

RANDOM

DIFFERENT PYTHON CONCEPTS USED:

DATABASE-PYTHON CONNECTIVITY

TEXT FILE

CSV FILE

IMPORTING MODULES AND USING THEIR FUNCTIONS

SETTING A CONNECTION BETWEEN SQL AND PYTHON.THEN IMPORTING FUNCTIONS MODULE,IN THIS PROJECT I USED ENROLLMENT(),EDIT(),DISPLAY(),COURSEDETAILS(),ROOM(),TIME(),MATERIALS() FUNCTIONS IN MENU DRIVEN PROGRAM.

AT FIRST USER IS GIVEN INTRODUCTION FOR THE SAID PROGRAM.AND THEN USER IS GIVEN CHOICE TO :

1: FOR ENROLLING IN COURSE

2: EDITING THE DETAILS OF STUDENT AS (ADMIN) ONLY

3: FOR DISPLAYING ALL THE DETAILS

4: FOR DISPLAYING THE LIST OF COURSES AND FEES

5: FOR DISPLAYING CLASS SCHEDULED FOR DIFFERENT BATCHES

6: FOR ROOM ALLOTMENT

7: FOR STUDY MATERIAL

ALLOWS THE USER TO INPUT THEIR ENROLLMENT NUMBER, CONTACT NUMBER,NAME,DESIRED COURSE ACCORDING TO CHOICE ACCEPTED BY SOFTWARE.

FLOW CHART

IMPORT MY SQL CONNECTOR

AS SQL

CON=SQL.CONNECT(HOST="LOCALHOST",USER="ROOT",PASSWORD="1234",DATABASE="PROJECT")

IF CON.IS\_CONNECTED():

print("attempt failed")

PRINT("SUCCESSFULLY CONNECTED")

CUR.EXECUTE("CREATE TABLE BATCHMATES(ENROLL\_NO INTEGER PRIMARY KEY,NAME CHAR(12) NOT NULL ,COURSE\_NAME CHAR(80),CONTACT\_NO INTEGER,FEES DECIMAL(10,2) CHECK(FEES>5000))")

CUR=CON.CURSOR()

PRINT("TABLE CREATED")

CUR.EXECUTE("CREATE TABLE INFO(COURSE\_NAME CHAR(80),FEES DECIMAL(10,2) CHECK(FEES>5000))")

CUR.EXECUTE("INSERT INTO INFO VALUES('PYTHON',6000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('WEB DESIGNING',5400)")

CUR.EXECUTE("INSERT INTO INFO VALUES('C++',7000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('HTML',10000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('SOFTWARE DEVEL',5000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('VISUAL BASIC',3000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('FASHION AND APPAREL DESIGNING',7000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('LIFESTYLE AND ACCESSORY DESIGNING',8800)")

CUR.EXECUTE("INSERT INTO INFO VALUES('TEXTILE DESIGN',9000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('FASHION BUSINESS',10000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('ACCOUNTING',7760)")

CUR.EXECUTE("INSERT INTO INFO VALUES('HUMAN RESOURCE MANAGEMENT',4900)")

CUR.EXECUTE("INSERT INTO INFO VALUES('BUSINESS LAW',6000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('PROPULSION SYSTEM',5000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('AIRCRAFT DESIGN',4499)")

CUR.EXECUTE("INSERT INTO INFO VALUES('AERODYNAMICS',7000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('ATMOSPHERIC SCIENCES',10000)”)

PRINT(""" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HELLO USER WELCOME TO INSTITUE MANAGEMENT. BUILDING BIRDS WHO CAN FLY ANYWHERE THEY WANT TO.

THIS IS WIDELY USED MANAGEMENT IN MANY INSTITUTES

ENROLLING STUDENTS IN MANY COURSES ACROSS THE GLOBE.

IT HELPS THE STAFF TO MAINTAIN THE RECORDS OF PARTICULAR

STUDENT STUDYING IN THEIR ORGANISATION WHICH COULD EITHER

BE AN INSTITUTE OR A COLLEGE.OURS INSTITUTE NAME IS ADITI SUN RISERS INSTITUTE.

THIS INSTITUE NOT ONLY IS A PLATFORM TO SEEK ACADEMIC COURSES BUT ALSO

FOCUSES ON ANOTHER CURRICULAR ACTIVITIES.

THIS MANAGEMENT WILL SOLVE YOUR QUERY AT FIRST GLANCE.

WE ARE DELIGHTED TO BE AT YOUR SERVICE.WE HOPE YOU WILL ENJOY OUR SERVICE. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* """)

We are delighted to be at your service.We hope you will enjoy our service. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* """)

CUR.EXECUTE("INSERT INTO INFO VALUES('DENTAL SCIENCES',6000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('AYURVEDIC MEDICINE AND SURGERY',7000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('EYE SURGERY LEARNING',10000)")

CUR.EXECUTE("INSERT INTO INFO VALUES('HEART SURGERY LEARNING',5000)"

IF CHOICE==1:

FALSE

EDIT()

ELIF CHOICE==2:

ENROLLMENT()

ELIF CHOICE==3:

ELIF CHOICE==5:

COURSEDETAILS()

ELIF CHOICE==4:

DISPLAY()

MATERIAL()

ELIF CHOICE==7:

ROOM()

ELIF CHOICE==6:

TIME()

BREAK

END()

ELSE:

IMPORTANCE OF INSTITUTE MANAGEMENT SYSTEM:

AS DIGITIZATION HAS EVOLVED IN EVERY SECTOR OF THE ECONOMY, MANY SECTORS ARE ADOPTING THIS TECHNOLOGY FOR THEIR SMOOTH FUNCTIONALITY.COMPUTERIZATION AND AUTOMATED TECHNOLOGY HAVE MADE THINGS MUCH EASIER FOR SCHOOLS,COLLEGES AND UNIVERSITIES.IT HAS STREAMLINED THE WHOLE ADMINISTRATIVE,ACADEMIC AND FINANCIAL DAY TO DAY OPERATIONS OF EDUCATIONAL INSTITUTIONS.IT FACILITATES HASSLE-FREE MANAGEMENT OF THE WHOLE ADMINISTRATIVE PROCESS.ELIMINATES LOADS OF MANUAL WORK AND REPITATIVE TASK,THE SOFTWARE HELPS IN SAVING THEIR TIME,MONEY AND RESOURCES.IT AIDS IN ENHANCING THE STANDARD OF AN EDUCATIONAL INSTITUTION BY REDUCING THE MONOTONY AND DIFFICULTY OF DEALING WITH ROUTINE TASKS.IT ENSURES THE DATA SECURITY TOO.PLUS INSTITUTION MANAGEMENT SOFTWARE IS A ONE TIME INVESMENT.

IN THE COMING YEARS,MORE AND MORE INSTITUTIONS WILL ADOPT THIS MANAGEMENT SOFTWARE DUE TO VERSATILITY,SECURITY AND HIGH QUALITY PERFORMANCE AT EVERY LEVEL.

SOURCE CODE

# IMPORT MYSQL CONNECTOR

from mysql import connector as sql

con=sql.connect(host="localhost",user="root",password="1234",database="project")

# CHECK CONNECTION

if con.is\_connected():

print("successfully connected")

else:

print("attempt failed")

# CREATING CURSOR OBJECT USING CONNECTION

cur=con.cursor()

#CREATE TABLE BATCHMATES

cur.execute("create table batchmates(enroll\_no integer,primary key,name char(12) not null ,course\_name char(80),contact\_no integer,fees decimal(10,2) check(fees>5000))")

print("table created")

# CREATE TABLE INFO

'''

cur.execute("create table info(course\_name char(80),fees decimal(10,2) check(fees>5000))")

cur.execute("insert into info values('PYTHON',6000)")

cur.execute("insert into info values('WEB DESIGNING',5400)")

cur.execute("insert into info values('C++',7000)")

cur.execute("insert into info values('HTML',10000)")

cur.execute("insert into info values('SOFTWARE DEVEL',5000)")

cur.execute("insert into info values('VISUAL BASIC',3000)")

cur.execute("insert into info values('FASHION AND APPAREL DESIGNING',7000)")

cur.execute("insert into info values('LIFESTYLE AND ACCESSORY DESIGNING',8800)")

cur.execute("insert into info values('TEXTILE DESIGN',9000)")

cur.execute("insert into info values('FASHION BUSINESS',10000)")

cur.execute("insert into info values('ACCOUNTING',7760)")

cur.execute("insert into info values('HUMAN RESOURCE MANAGEMENT',4900)")

cur.execute("insert into info values('BUSINESS LAW',6000)")

cur.execute("insert into info values('PROPULSION SYSTEM',5000)")

cur.execute("insert into info values('AIRCRAFT DESIGN',4499)")

cur.execute("insert into info values('AERODYNAMICS',7000)")

cur.execute("insert into info values('ATMOSPHERIC SCIENCES',10000)")

cur.execute("insert into info values('DENTAL SCIENCES',6000)")

cur.execute("insert into info values('AYURVEDIC MEDICINE AND SURGERY',7000)")

cur.execute("insert into info values('EYE SURGERY LEARNING',10000)")

cur.execute("insert into info values('HEART SURGERY LEARNING',5000)")'''

# INTRODUCTION

print(""" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Hello User Welcome to INSTITUE MANAGEMENT. BUILDING BIRDS WHO CAN FLY ANYWHERE THEY WANT TO.

This is widely used management in many institutes enrolling students in many courses across the globe.It helps the staff to maintain the records of particular student studying in their organisation which could either be an institute or a college.Ours institute name is ADITI SUN RISERS INSTITUTE.

This institue not only is a platform to seek academic courses but also focuses on another curricular activities.

This management will solve your query at first glance.

We are delighted to be at your service.We hope you will enjoy our service. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* """)

cur.execute("alter table batchmates modify contact\_no char(10)")

import functions # IMPORTING MODULE FOR ANOTHER FUNCTIONS

functions.write()

# ASKING THE USER FOR CHOICE

print("1: FOR ENROLLING IN COURSE")

print("2: EDITING THE DETAILS OF STUDENT AS (ADMIN) ONLY")

print("3: FOR DISPLAYING ALL THE DETAILS")

print("4: FOR DISPLAYING THE LIST OF COURSES AND FEES")

print("5: FOR DISPLAYING CLASS SCHEDULED FOR DIFFERENT BATCHES")

print("6: FOR ROOM ALLOTMENT")

print("7: FOR STUDY MATERIAL")

# ENROLLING INTO THE COURSE

def enrollment():

print("ENGLISH WILL BE A COMPULSORY SUBJECTS FOR ALL USERS")

print("1: FOR COMPUTER COURSES")

print("2: FOR FASHION DESIGNING")

print("3: FOR BUSINESS ADMINISTRATION")

print("4: FOR AEROSPACE LEARNING ")

print("5: FOR MEDICAL LINE")

choice=int(input("enter the choice:"))# CHOSSING A COURSE

if choice==1:

functions.comp()

elif choice==2:

functions.fashion()

elif choice==3:

functions.business()

elif choice==4:

functions.aero()

elif choice==5:

functions.med()

else:

print(" \*\*\*\*\*\*\*\*\*\*\*\* COURSE NOT AVAILABLE!!!! \*\*\*\*\*\*\*\*\*\*\* ")

# EDITING THE DETAILS OF STUDENTS

def edit():

username=input("enter the username:")

password=input("enter the password:")

user='techlog'

passw\_='umbrellacorporation'

if username==user and password==passw\_:

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME ADMIN !!!!!!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*")

print("1: FOR EDITING NAME OF STUDENT")

print("2: FOR EDITING NAME OF COURSE")

print("3: FOR EDITING CONTACT NUMBER OF STUDENT")

print("4: FOR DELETING THE RECORD OF STUDENT")

choose=int(input("enter your choosed category:"))

if choose==1: # EDITING NAME OF STUDENT

stu\_name=input("enter your new name:")

enroll\_number=int(input("enter your enrollment number:"))

update\_query="update batchmates set name=%s where enroll\_no=%s"

val=(stu\_name,enroll\_number)

cur.execute(update\_query,val)

con.commit()

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* ",stu\_name,",YOUR NAME HAS BEEN CHANGED!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

elif choose==2: # EDITING NAME OF COURSE

enroll\_number=int(input("enter your enrollment number:"))

new\_course=input("enter your desired course:")

if new\_course=="PYTHON":

new\_course="PYTHON"

fees="6000"

elif new\_course=="WEB DESIGNING":

new\_course="WEB DESIGNING"

fees="5400"

elif new\_course=="C++":

new\_course="C++"

fees="7000"

elif new\_course=="HTML":

new\_course="HTML"

fees="10000"

elif new\_course=="SOFTWARE DEVEL":

new\_course="SOFTWARE DEVEL"

fees="5000"

elif new\_course=="VISUAL BASIC":

new\_course="VISUAL BASIC"

fees="3000"

elif new\_course=="FASHION AND APPAREL DESIGNING":

new\_course="FASHION AND APPAREL DESIGNING"

fees="7000"

elif new\_course=="LIFESTYLE AND ACCESSORY DESIGN":

new\_course="LIFESTYLE AND ACCESSORY DESIGN"

fees="8800"

elif new\_course=="TEXTILE DESIGN":

new\_course="TEXTILE DESIGN"

fees="9000"

elif new\_course=="FASHION BUSINESS":

new\_course="FASHION BUSINESS"

fees="10000"

elif new\_course=="ACCOUNTING":

new\_course="ACCOUNTING"

fees="7760"

elif new\_course=="HUMAN RESOURCE MANAGEMENT":

new\_course="HUMAN RESOURCE MANAGEMENT"

fees="4900"

elif new\_course=="BUSINESS LAW":

new\_course="BUSINESS LAW"

fees="6000"

elif new\_course=="PROPULSION SYSTEM":

new\_course="PROPULSION SYSTEM"

fees="5000"

elif new\_course=="AIRCRAFT DESIGN":

new\_course="AIRCRAFT DESIGN"

fees="4499"

elif new\_course=="AERODYNAMICS":

new\_course="AERODYNAMICS"

fees="7000"

elif new\_course=="ATMOSPHERIC SCIENCES":

new\_course="ATMOSPHERIC SCIENCES"

fees="10000"

elif new\_course=="DENTAL SCIENCES":

new\_course="DENTAL SCIENCES"

fees="6000"

elif new\_course=="AYURVEDIC MEDICINE AND SURGERY":

new\_course="AYURVEDIC MEDICINE AND SURGERY"

fees="7000"

elif new\_course=="EYE SURGERY LEARNING":

new\_course="EYE SURGERY LEARNING"

fees="10000"

elif new\_course=="HEART SURGERY LEARNING":

new\_course="HEART SURGERY LEARNING"

fees="5000"

update\_query="update batchmates set course\_name=%s,fees=%s where enroll\_no=%s"

val=(new\_course,fees,enroll\_number)

cur.execute(update\_query,val)

con.commit()

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* YOUR COURSE HAS BEEN CHANGED TO,",new\_course,", \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

elif choose==3: # EDITING THE CONTACT NUMBER OF STUDENT

enroll\_number=int(input("enter your enrollment number:"))

cont=input("enter your desired contact number:")

update\_query="update batchmates set contact\_no=%s where enroll\_no=%s"

val=(cont,enroll\_number)

cur.execute(update\_query,val)

con.commit()

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* YOUR CONTACT NUMBER HAS BEEN CHANGED !!!!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

elif choose==4: # DELETING THE RECORD OF STUDENT

enroll\_number=int(input("enter your enrollment number to be removed:"))

del\_query="delete from batchmates where enroll\_no=%s"

val=(enroll\_number,)

cur.execute(del\_query,val)

con.commit()

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* RECORD HAS BEEN DELETED SUCCESSFULLY !!!!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

else:

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* WRONG PASSWORD OR USERNAME ENTERED !!!!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

# DISPLAYING THE DETAILS OF STUDENT

def display():

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* DISPLAYING THE DETAILS OF ALL STUDENTS !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

cur.execute("select\*from batchmates")

data=cur.fetchall()

for i in data:

print(i)

# DISPLAYING THE COURSE DETAILS TO STUDENTS

def coursedetails():

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* DISPLAYING THE DETAILS OF ALL COURSES AND THEIR FEES !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

cur.execute("select\*from info")

data=cur.fetchall()

for i in data:

print(i)

# CLASS SCHEDULE FOR EVERY COURSE FROM MONDAY TO FRIDAY

def time():

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HERE'S YOUR TIME TABLE EVERYBODY HAVE A LOOK!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

f=open("scheduleforall.txt","r")

s=f.read()

print(s)

f.close()

# ROOM ALLOTMENT

import random

def room():

name=input("enter your name:")

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HELLO WELCOME PROCEDDING TO GIVE YOUR ROOOM NUMBER!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

r\_no=int(random.random()\*100)

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HELLO,",name," YOUR ROOOM NUMBER IS,",r\_no,"!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

# FOR STUDY MATERIAL

import csv

def material():

course=input("enter your course:")

f=open("material.csv","r")

rec=csv.reader(f)

flag=0

header=next(rec)

for i in rec:

if i[0]==course:

print(i)

flag=1

if flag==0:

print("\*\*\*\*\*\*\*\*\*\* BOOKS NOT FOUND!!!! \*\*\*\*\*\*\*\*\*\*\*\*")

f.close()

# END OF THE PROGRAM

def end():

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\* END OF THE PROGRAM !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

# MENU DRIVEN PROGRAM FOR EXPLORING OUR MANAGEMENT

ch="y"

while(ch=="y"):

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

if choice==1:

enrollment()

elif choice==2:

edit()

elif choice==3:

display()

elif choice==4:

coursedetails()

elif choice==5:

time()

elif choice==6:

room()

elif choice==7:

material()

else:

end()

break

MODULE FUNCTION

# IMPORT MYSQL CONNECTOR

from mysql import connector as sql

con=sql.connect(host="localhost",user="root",password="1234",database="project")

# CREATING CURSOR OBJECT USING CONNECTION

cur=con.cursor()

def med():

enroll=int(input("enter the enrollment number:"))

name=input("enter your name:")

course=input("enter the desired course:")

if course=="DENTAL SCIENCES":

course="DENTAL SCIENCES"

fees="6000"

elif course=="AYURVEDIC MEDICINE AND SURGERY":

course="AYURVEDIC MEDICINE AND SURGERY"

fees="7000"

elif course=="EYE SURGERY LEARNING":

course="EYE SURGERY LEARNING"

fees="10000"

elif course=="HEART SURGERY LEARNING":

course="HEART SURGERY LEARNING"

fees="5000"

cont\_no=input("enter your contact number:")

insert\_query="""insert into batchmates(enroll\_no,name,course\_name,contact\_no,fees) values(%s,%s,%s,%s,%s)"""

val=(enroll,name,course,cont\_no,fees)

cur.execute(insert\_query,val)

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* YOU ARE ENROLLED ",name,",CONGRATULATIONS !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ENROLLMENT IS SUCCESSFUL IN ",course,", \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

con.commit()

def aero():

enroll=int(input("enter the enrollment number:"))

name=input("enter your name:")

course=input("enter the desired course:")

if course=="PROPULSION SYSTEM":

course="PROPULSION SYSTEM"

fees="5000"

elif course=="AIRCRAFT DESIGN":

course="AIRCRAFT DESIGN"

fees="4499"

elif course=="AERODYNAMICS":

course="AERODYNAMICS"

fees="7000"

elif course=="ATMOSPHERIC SCIENCES":

course="ATMOSPHERIC SCIENCES"

fees="10000"

cont\_no=input("enter your contact number:")

insert\_query="""insert into batchmates(enroll\_no,name,course\_name,contact\_no,fees) values(%s,%s,%s,%s,%s)"""

val=(enroll,name,course,cont\_no,fees)

cur.execute(insert\_query,val)

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* YOU ARE ENROLLED ",name,",CONGRATULATIONS !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ENROLLMENT IS SUCCESSFUL IN ",course,", \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

con.commit()

def business():

enroll=int(input("enter the enrollment number:"))

name=input("enter your name:")

course=input("enter the desired course:")

if course=="ACCOUNTING":

course="ACCOUNTING"

fees="7760"

elif course=="HUMAN RESOURCE MANAGEMENT":

course="HUMAN RESOURCE MANAGEMENT"

fees="4900"

elif course=="BUSINESS LAW":

course="BUSINESS LAW"

fees="6000"

cont\_no=input("enter your contact number:")

insert\_query="""insert into batchmates(enroll\_no,name,course\_name,contact\_no,fees) values(%s,%s,%s,%s,%s)"""

val=(enroll,name,course,cont\_no,fees)

cur.execute(insert\_query,val)

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* YOU ARE ENROLLED ",name,",CONGRATULATIONS !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ENROLLMENT IS SUCCESSFUL IN ",course,", \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

con.commit()

def fashion():

enroll=int(input("enter the enrollment number:"))

name=input("enter your name:")

course=input("enter the desired course:")

if course=="FASHION AND APPAREL DESIGNING":

course="FASHION AND APPAREL DESIGNING"

fees="7000"

elif course=="LIFESTYLE AND ACCESSORY DESIGN":

course="LIFESTYLE AND ACCESSORY DESIGN"

fees="8800"

elif course=="TEXTILE DESIGN":

course="TEXTILE DESIGN"

fees="9000"

elif course=="FASHION BUSINESS":

course="FASHION BUSINESS"

fees="10000"

cont\_no=input("enter your contact number:")

insert\_query="""insert into batchmates(enroll\_no,name,course\_name,contact\_no,fees) values(%s,%s,%s,%s,%s)"""

val=(enroll,name,course,cont\_no,fees)

cur.execute(insert\_query,val)

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* YOU ARE ENROLLED ",name,",CONGRATULATIONS !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ENROLLMENT IS SUCCESSFUL IN ",course,", \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

con.commit()

def comp():

enroll=int(input("enter the enrollment number:"))

name=input("enter your name:")

course=input("enter the desired course:")

if course=="PYTHON":

course="PYTHON"

fees="6000"

elif course=="WEB DESIGNING":

course="WEB DESIGNING"

fees="5400"

elif course=="C++":

course="C++"

fees="7000"

elif course=="HTML":

course="HTML"

fees="10000"

elif course=="SOFTWARE DEVEL":

course="SOFTWARE DEVEL"

elif course=="VISUAL BASIC":

course="VISUAL BASIC"

fees="3000"

cont\_no=input("enter your contact number:")

insert\_query="""insert into batchmates(enroll\_no,name,course\_name,contact\_no,fees) values(%s,%s,%s,%s,%s)"""

val=(enroll,name,course,cont\_no,fees)

cur.execute(insert\_query,val)

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* YOU ARE ENROLLED ",name,",CONGRATULATIONS !!!!!!!!! \*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ENROLLMENT IS SUCCESSFUL IN ",course,", \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

con.commit()

def write():

import csv

f=open("material.csv","w")

r=csv.writer(f,delimiter=",",lineterminator="\n")

r.writerow(["COURSE NAME "," BOOK NAME","BOOK PRICE"])

r.writerow(["COMPUTER","INTRODUCTION TO COMPUTATION AND PROGRAMMING USING PYTHON",9000])

r.writerow(["COMPUTER","WEB TECHNOLOGIES",500])

r.writerow(["COMPUTER","OBJECT ORIENTED PROGRAMMING WITH C++",800])

r.writerow(["COMPUTER","HTML AND CSC",400])

r.writerow(["COMPUTER","FUNDAMENTALS OF SOFTWARE ENGINEERING",700])

r.writerow(["COMPUTER","VISUAL BASIC.NET PROGRAMMING",1000])

r.writerow(["FASHION","THE FASHION DESIGNER SURVIVAL GUIDE",900])

r.writerow(["FASHION","RENDERING FASHION,FABRIC AND PRINTS",9000])

r.writerow(["FASHION","FASHION THE ULTIMATE BOOK OF COSTUME AND STYLE",5000])

r.writerow(["BUSINESS ADMINISTRATION","FINANCIAL ACCOUNTING",1000])

r.writerow(["BUSINESS ADMINISTRATION","FUNDAMENTALS OF HR MANAGEMENT",4000])

r.writerow(["BUSINESS ADMINISTRATION","BUSINESS LAWS",7000])

r.writerow(["AEROSPACE","CHEMICAL ROCKET PROPULSION",1000])

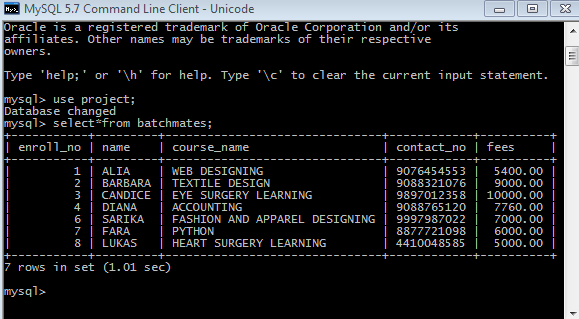
r.writerow(["AEROSPACE","FUNDAMENTALS OF AERODYNAMICS",2000])

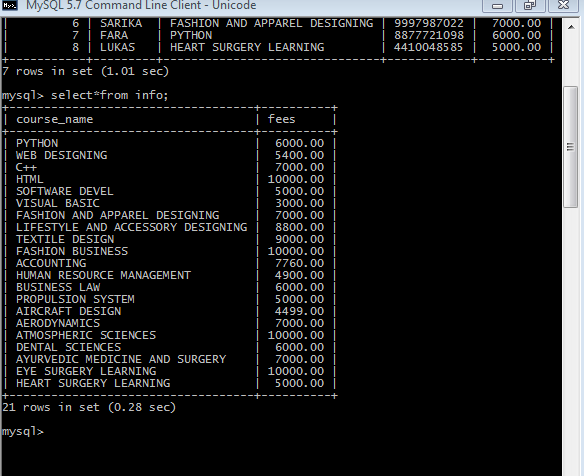
r.writerow(["AEROSPACE","PRINCIPLES OF ATMOSPHERIC SCIENCE",9000])

r.writerow(["MEDICAL LINE","DENTAL MATERIALS",5000])

f.close()

SQL DATA





Bibliography

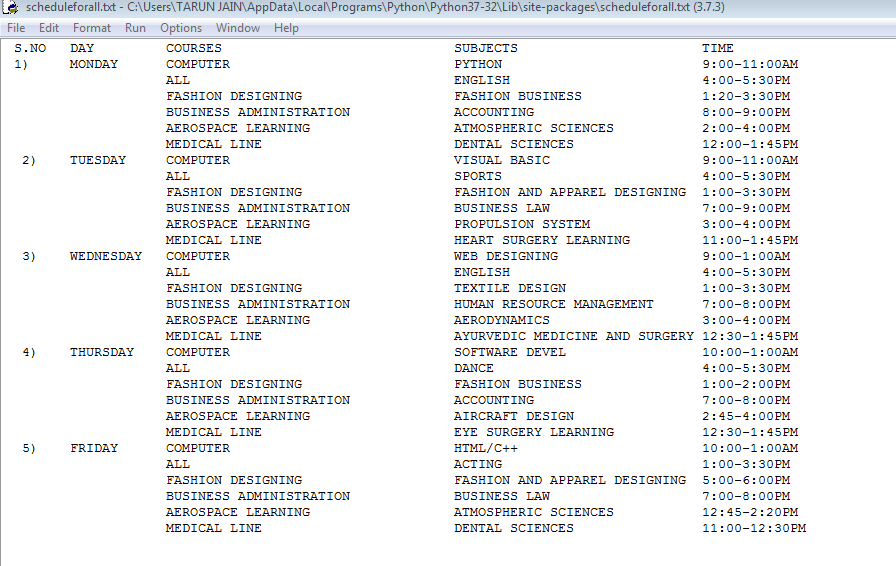
1. COMPUTER SCIENCE WITH PYTHON-CLASS XI BY PREETI ARORA
2. COMPUTER SCIENCE WITH PYTHON

CLASS XII BY SUMITA ARORA

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SCHEDULEFORALL.TXT



CHOICE=INT(INPUT("ENTER THE CHOICE:"))

WHILE(CH=="Y"):

PRINT("1: FOR ENROLLING IN COURSE")

PRINT("2: EDITING THE DETAILS OF STUDENT AS (ADMIN) ONLY")

PRINT("3: FOR DISPLAYING ALL THE DETAILS")

PRINT("4: FOR DISPLAYING THE LIST OF COURSES AND FEES")

PRINT("5: FOR DISPLAYING CLASS SCHEDULED FOR DIFFERENT BATCHES")

PRINT("6: FOR ROOM ALLOTMENT")

PRINT("7: FOR STUDY MATERIAL")

IMPORT FUNCTIONS

FUNCTIONS.WRITE()

CUR.EXECUTE("ALTER TABLE BATCHMATES MODIFY CONTACT\_NO CHAR(10)")