**SOLUTION OF ALL SETS OF PRACTICAL EXAM 2020-21**

**SET-1**

Q1

import pickle

def ADD():

f=open('CAR.DAT','wb')

n=int(input("enter how many records to enter"))

for i in range(n):

carNo=int(input('enter car no'))

cn=input('enter name')

m=int(input('enter car milage'))

t=[carNo,cn,m]

pickle.dump(t,f)

f.close()

def SHOW(carNo):

f=open('CAR.DAT','rb')

while True:

try:

r=pickle.load(f)

if r[0]==carNo: #and (r[2]>=100 and r[2]<=150)):

print(r)

except:

break

f.close()

ADD()

SHOW(1)

Q2

Ans

import mysql.connector as m

db = m.connect(host="localhost",user="root",passwd="1234", database=”org”)

cursor = db.cursor()

cursor.execute("select \* from student")

data = cursor.fetchall()

for i in data:

print(i)

db.close()

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**SET -2**

Q1

book\_details=[]

def Push(book\_details):

n=int(input("enter number of entries"))

for i in range(n):

bn=input("Enter book number")

bnm=input("Enter book name")

price=int(input("enter price"))

book\_details.append([bn,bnm,price])

print("record inserted")

def Pop(book\_details):

if len(book\_details)==0:

print("stack is empty")

else:

print("deleted book is:", book\_details.pop())

def disp(book\_details):

for i in range(len(book\_details)-1,-1,-1):

print(book\_details[i],"--->")

Push(book\_details)

disp(book\_details)

Pop(book\_details)

disp(book\_details)

Q2

import mysql.connector as m

db = m.connect(host="localhost",user="root",passwd="1234", database=”org”)

cursor = db.cursor()

cursor.execute("select name,price,qty from company,customer where company.cid=customer.cid")

data = cursor.fetchall()

for i in data:

print(i)

db.close()

**SET-3**

Q1

book\_details=[]

def Enqueue(book\_details):

n=int(input("enter number of entries"))

for i in range(n):

bn=int(input("Enter book number"))

bnm=input("Enter book name")

price=int(input("enter price"))

book\_details.append([bn,bnm,price])

print("record inserted")

def Dequeue(book\_details):

if len(book\_details)==0:

print("queue is empty")

else:

print("deleted book is:", book\_details.pop(0))

def disp(book\_details):

for i in range(len(book\_details)):

print(book\_details[i],"--->")

Enqueue(book\_details)

disp(book\_details)

Dequeue(book\_details)

disp(book\_details)

Q2

import mysql.connector as m

db = m.connect(host="localhost",user="root",passwd="1234", database=”org”)

cursor = db.cursor()

cursor.execute("select distinct dest from FLIGHTS oder by FNO")

data = cursor.fetchall()

for i in data:

print(i)

db.close()