



Computer Science Project

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CODING

```
from tkinter import *
import mysql.connector as m
import tkinter.messagebox as mb

a=Tk()
a.geometry('950x550')
a.title("IndusInd Bank")
a.iconphoto(False, PhotoImage(file="D:\Ashwin 11 Std\Bank-
Logo.png"))

imag=PhotoImage(file="D:\Ashwin 11 Std\index.png")
b=Label(a, image=imag,width=950,height=550).pack()

def insert():
    accname=na.get()
    accno=nu.get()
    dob=da.get()
    ifsc=co.get()
```

```
balance=i.get()
```

```
pstcode=z.get()
```

```
if (accname==" or accno==" or dob==" or ifsccode==" or balance=="  
or pstcode=="):
```

```
    mb.showinfo(' ',' All fields are to be filled  ')
```

```
else:
```

```
mydb=m.connect(host="localhost",user="root",passwd="123",databas  
e="bank")
```

```
    mycursor=mydb.cursor()
```

```
    mycursor.execute("insert into acchold  
values('"+accname+"','"+accno+"','"+dob+"','"+ifsccode+"','"+balance+"'  
,'"+pstcode+"')")
```

```
    mycursor.execute('commit')
```

```
mydb.commit()
```

```
na.delete(0,'end')
```

```
nu.delete(0,'end')
```

```
da.delete(0,'end')
```

```
co.delete(0,'end')
```

```
i.delete(0,'end')
```

```
z.delete(0,'end')
```

```
mb.showinfo("", "Values are inserted")
```

```
mydb.close()
```

```
def delete():
```

```
    if (nu.get()==''):
```

```
        mb.showinfo("", "All fields are to be filled")
```

```
    else:
```

```
mydb=m.connect(host="localhost",user="root",passwd="123",database="bank")
```

```
    mycursor=mydb.cursor()
```

```
    mycursor.execute("delete from acchold where  
accname='"+nu.get()+"'")
```

```
    mycursor.execute('commit')
```

```
mydb.commit()
```

```
na.delete(0,'end')
```

```
nu.delete(0,'end')
```

```
da.delete(0,'end')
```

```
co.delete(0,'end')
```

```
i.delete(0,'end')
```

```
z.delete(0,'end')
```

```
mb.showinfo("", "Values are deleted")
```

```
mydb.close()
```

```
def show():
```

```
    if (nu.get()==''):
```

```
        mb.showinfo("", "All fields are to be filled")
```

```
    else:
```

```
mydb=m.connect(host="localhost",user="root",passwd="123",database="bank")
```

```
    mycursor=mydb.cursor()
```

```
    mycursor.execute("select * from acchold where  
accname='"+nu.get()+"'")
```

```
    r=mycursor.fetchall()
```

```
    for i in r:
```

```
        na.insert(0,i[1])
```

```
        da.insert(1,i[2])
```

```
        co.insert(2,i[3])
```

```
        i.insert(3,i[4])
```

```
        z.insert(4,i[5])
```

```
mydb.close()
```

```

def update():
    if (nu.get()==''):
        mb.showinfo(", "Account Number is compulsory for update")
    else:

mydb=m.connect(host="localhost",user="root",passwd="123",database="bank")

    mycursor=mydb.cursor()

    mycursor.execute("update acchold set
accname='"+accname+"',dob='"+dob+"',ifsccode='"+ifsccode+"',balance
='"+balance+"',pstcode='"+pstcode+"' where accno='"+nu.get()+"'")

    mycursor.execute('commit')


mydb.commit()
na.delete(0,'end')
nu.delete(0,'end')
da.delete(0,'end')
co.delete(0,'end')
i.delete(0,'end')
z.delete(0,'end')
mb.showinfo(", "Values are updated")
mydb.close()

```

```
def clear():  
    na.set("")  
    nu.set("")  
    da.set("")  
    co.set("")  
    i.set("")  
    z.set("")  
    a.configure(state='normal')
```

```
form=Label(a,text="Account  
Holders",width=35,font=("bold",15)).place(x=250,y=20)
```

```
accname=Label(a,text="Account Holder  
Name",width=15,font=("bold",10)).place(x=320,y=100)
```

```
accno=Label(a,text="Account Number",width=20,font=("Times  
32",10)).place(x=320,y=140)
```

```
dob=Label(a,text="Date of  
Birth",width=20,font=("underline",10)).place(x=320,y=180)
```

```
ifsc=Label(a,text="IFSC  
Code",width=20,font=("underline",10)).place(x=320,y=220)
```

```
balance=Label(a,text="Balance",width=20,font=("underline",10)).place(x=320,y=260)
```

```
pstcode=Label(a,text="Postal/Zip  
Code",width=20,font=("underline",10)).place(x=320,y=300)
```

```
na=Entry()  
na.place(x=455,y=100)
```

```
nu=Entry()  
nu.place(x=455,y=140)
```

```
da=Entry()  
da.place(x=455,y=180)
```

```
co=Entry()  
co.place(x=455,y=220)
```

```
i=Entry()  
i.place(x=455,y=260)
```

```
z=Entry()
```



```
z.place(x=455,y=300)
```

```
insert=Button(a,text="Insert",width=20,bg="black",fg="white",command=insert).place(x=280,y=350)
```

```
delete=Button(a,text="Delete",width=20,bg="white",fg="red",command=delete).place(x=482,y=350)
```

```
up=Button(a,text="Update",width=20,bg="pink",fg="white",command=update).place(x=280,y=400)
```

```
dis=Button(a,text="Show  
Records",width=20,bg="red",fg="white",command=show).place(x=482,  
y=400)
```

```
cl=Button(a,text="Clear",width=20,bg="blue",fg="white",command=clear).place(x=381,y=450)
```

```
a.mainloop()
```

OUTPUT

```
MySQL 5.5 Command Line Client

Enter password: ***
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 25
Server version: 5.5.62 MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use bank;
Database changed
mysql>
mysql> select * from acchold;
+-----+-----+-----+-----+-----+-----+
| accname | accno  | dob       | ifsccode | balance | pstcode |
+-----+-----+-----+-----+-----+-----+
| Avinash | 11002489 | 1991-10-17 | IIB001646 | 2400000 | 110007 |
| Abhay   | 12897846 | 1989-12-29 | IIB00897  | 8000000 | 600027 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
mysql> desc acchold;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| accname | char(20) | YES | | NULL | |
| accno | int(9) | YES | | NULL | |
| dob | date | YES | | NULL | |
| ifsccode | char(35) | YES | | NULL | |
| balance | char(15) | YES | | NULL | |
| pstcode | int(8) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.19 sec)

mysql> █
```

Activate Windows
Go to PC settings to activate Windows.



IndusInd Bank



Account Holders

Account Holder Name

Account Number

Date of Birth

IFSC Code

Balance

Postal/Zip Code

Insert

Delete

Update

Show Records

Clear

