CODE FOR DATABASE AND TABLES CREATION

```
import mysql.connector



def db():
    myconn=mysql.connector.connect(host=
     "localhost",user="root",password="tiger")
    mycursor=myconn.cursor()
    mycursor.execute("create  database
                                hp_world")



def hpchar():
    mydb=mysql.connector.connect(host=
    "localhost",user="root",password="tiger",
    database="hp_world")
    mycursor=mydb.cursor()
    query="create table if not exists
            hpcharacter(chid integer unique,
            chname varchar(70), chactor
            varchar(70), chbloodst varchar(15),
            chhouse varchar(15), chnick
            varchar(50), chdob date, chwand
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            varchar(200),chpatronus  varchar(40),
            chphyapp varchar(500))"
        mycursor.execute(query)


def hphouse():
            mydb=mysql.connector.connect(host=
            "localhost",user="root",password=
            "tiger",database="hp_world")
            mycursor=mydb.cursor()
            query="create table if not exists
                        hphouse(hno integer unique,
                        hname varchar(50), hfounder
                        varchar(70), hanimal
                        varchar(40), hcolour
                        varchar(90), helement
                        varchar(59), hghost
                        varchar(50), htraits
                        varchar(500), hhead
                        varchar(550), hmember
                        varchar(5000))"
             mycursor.execute(query)
```

```
def addhouse():
    mydb=mysql.connector.connect(host=
        "localhost",user="root",password=
        "tiger",database="hp_world")
    mycursor=mydb.cursor()
    hid=int(input("Enter house id"))
    hname=input("Enter house name")
    hfnd=input("Enter founder of the house")
    hani=input("Enter animal of the house")
    hclr=input("Enter house colors")
    hele=input("Enter house element")
    hghost=input("Enter name of house
                ghost")
    htrait=input("Enter traits of house
                members")
    hhead=input("Enter name of house
                heads")
    hmember=input("Enter name of
                members")
    t=(  hid,hname,hfnd,hani,hclr,hele,hghost,
       htrait,hhead,hmember)
```

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        query="insert into hphouse
                        values(%s,%s,%s,%s,%
                        s,%s,%s,%s,%s,%s)”
        mycursor.execute(query,t)
        mydb.commit()


def hpmember():
    mydb=mysql.connector.connect(host=
            "localhost",user="root",password=
            "tiger",database="hp_world")
    mycursor=mydb.cursor()
    query="create table if not exists
            hpmember(mid integer unique,
            mname varchar(100), mhouse
            varchar(30), mbloodst
            varchar(30))"
     mycursor.execute(query)
```

```
def hpbook():
    mydb=mysql.connector.connect(host=
        "localhost",user="root",password
      ="tiger",database="hp_world")
    mycursor=mydb.cursor()
    query="create table if not exists
            hpbook(bid integer unique, bname
            varchar(200), bmovie
            varchar(200), byear date, myear
            date, bsummary varchar(2200))"
    mycursor.execute(query)



def addfb():
        mydb=mysql.connector.connect(host=
          "localhost",user="root",password=
          "tiger",database="hp_world")
        mycursor=mydb.cursor()
        bid=int(input("Enter a 3-Digit Book Id"))
        bname=input("Enter the name of the
                        Book")
```

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        bmovie=input("Enter the movie of the
                              Book")
        byear=input("Enter the year
                          of publication of the Book")
        myear=input("Enter the year of
                           release of the Movie")
        bsmry=input("Enter the summary of
                           the Book")
        t=(bid,bname,bmovie,byear,myear,
            bsmry)
        query="insert into hpbook
                       values(%s,%s,%s,%s,%s,%s)"
        mycursor.execute(query,t)
        mydb.commit()


def hpreview():
        mydb=mysql.connector.connect(host=
            "localhost",user="root",password=
            "tiger",database="hp_world")
        mycursor=mydb.cursor()
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```
        query="create table if not exists
                    hpreview(rno integer unique,
                     rname varchar(60), remail
                    varchar(150), rreview
                    varchar(2000))"
        mycursor.execute(query)




def fbbook():
        mydb=mysql.connector.connect(host=
              "localhost",user="root",password
               ="tiger",database="hp_world")
        mycursor=mydb.cursor()
        query="create table if not exists
                    fbbook(bid integer unique,
                    bname varchar(200), bmovie
                    varchar(200), byear date,
                    myear date)"
        mycursor.execute(query)
```

```
def addfb():
        mydb=mysql.connector.connect(host=
            "localhost",user="root",password
            ="tiger",database="hp_world")
        mycursor=mydb.cursor()
        bid=int(input("Enter a 3-Digit Book Id"))
        bname=input("Enter the name of the
                        Book")
        bmovie=input("Enter the movie of the
                        Book")
        byear=input("Enter the year of
                        publication of the Book")
        myear=input("Enter the year of
                        release of the Movie")
        t=(bid,bname,bmovie,byear,myear)
        query="insert into fbbook
                    values(%s,%s,%s,%s,%s)"
        mycursor.execute(query,t)
        mydb.commit()
```

```
def fbreview():
        mydb=mysql.connector.connect(host=
            "localhost",user="root",password
             ="tiger",database="hp_world")
        mycursor=mydb.cursor()
        query="create table if not exists
                fbreview(rno integer unique,
                rname varchar(60), remail
                varchar(150), rreview
                varchar(2000))"
        mycursor.execute(query)
```