

INFORMATICS PRACTICES



MYSQL AND PYTHON



HOUSING APPLICATION

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Standard: XII

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ACKNOWLEDGEMENT

A project is a bridge between theoretical and practical learning and with this thinking I worked on the project and made it successful due to timely support and efforts of all who helped me directly and indirectly.

First and foremost, I would like to express my special thanks of gratitude to our principal, Dr. K.Prem Shantha, M.Sc.,M.A.,M.Ed., D.Lit. and to our vice-principal, Mrs.Jessy George ,M.Sc., B.Ed. wholeheartedly for providing invaluable guidance and support throughout this project.

My sincere thanks goes to my Teacher and mentor , Mrs. AC.J. Vanitha, M.Sc.PGDCA, B.Ed., MCA., for giving me the opportunity to do this project. Her dynamism, vision, sincerity and motivation have deeply inspired me. It was a great privilege and honor to study under her guidance.

Most importantly, none of this could have happened without my family. I am grateful to my dad and my mom, who have provided me through moral and emotional support in my life. I am also grateful to my other family members who have supported me along the way.

With a special mention to my senior ,my mentor ,my guide above all my buddy M Jaishukh. It was fantastic to have his friendship and guidance right from the start.

And finally, last but by no means least, special thanks to my close friends and other friends in Informatics Practices department who have made valuable comment & suggestions on my project which gave me an inspiration to improve its quality.

Thanks again to all who stayed with me in this whole process.

Project Synopsis

Title of the project:

Online Housing application



Prologue:

This project aims to encourage a range of affordable, accessible, and decent rental (or buying)housing options throughout the community . Also this project is here to provide an easier platform and can very much help in reducing the complications in the house hunting process.

Team members:

- B Yashwanth
- K Lokesh

Team details:

The project “Online Housing Application” has been designed and developed solely by the fore mentioned individuals. The various components of the project were shared between the members i.e the idea & concept ,coding and project

compiling was done by Yashwanth and the data aggregation ,documentation , was done by Lokesh.

Reason for choosing the topic:

The Indian real estate market is on the cusp of a new growth cycle .Real estate contributes to almost 10% of our nation's GDP and is the second-largest source of employment in India after agriculture. Studies show that the internet is the most preferred and used medium of searching for homes in India. With more than 600 million internet users, India is reported to be the 2nd largest online market in the world. Out of these, approximately 40 million users search for homes online every day. Shocking but true! The real estate has boomed in the last 2 decades and is likely to grow in the coming years as well.

It is a dream for almost everyone in the modern world to own a home and the process is also so complicated these days which has to be simplified for the stress-free experience. Thus programming as such would greatly help to provide an easier platform without any brokerage fee and can very much help in reducing the priceless time of the users.

Objectives:

- Contactless house hunting experience due to pandemic.
- Building a well **organised customer database**.
- Having a **Smooth ,User-friendly and Appealing UI** .
- Opening a way for **marketing & promoting advertisements** at low cost.
- Well categorized and **satisfying options** for the users.
- Coming up with the **informative write-ups** for people.
- Assisting with the **guidance** for transportation.
- Visualization of their dream home in a **3D** view.

Hardware Required:

- A laptop/computer with O.S windows 10 /11
- CPU- 64 Bit (preferred)
- Stable internet connection

Software required:

- MySQL Command line client
- Jupyter Notebook
- Google colaboratory
- Pycharm (for testing)
- Python libraries (mainly pandas and matplotlib)
- Blender (for 3D view)

Limitations:

- As of now, the application covers only a small radius (i.e in and around Adyar)
- The user cannot be able to enter the application without the internet connectivity.

Future scope:

- Home designing (both interior and exterior) can be done by the user with their personal preferences.
- Booking the **Packers & Movers** in the application , in order to simplify the translocation process.
- Distance calculator- to find the distance between the old house and new house.

Bibliography:

- **Informatics Practices** – A text book for class XI By **Sumita Arora**
- **Informatics Practices** – A text book for class XII By **Sumita Arora**
- Stack Overflow; Link: <https://stackoverflow.com/>
- Python Package Index (PyPI); Link: <https://pypi.org/>
- GeeksforGeeks; Link: <https://www.geeksforgeeks.org/>
- GitHub; Link: <https://github.com/>
- Some Real-estate websites for reference -Zillow,Realtor.com,99acres, No Broker,etc...

CODING

```
import mysql.connector
import pandas as pd
from IPython.display import display, Image
from IPython.display import YouTubeVideo
from termcolor import colored
import time
import smtplib
import random
import nltk
from nltk.chat.util import Chat, reflections
import webbrowser
import win32com.client as mouth

#connecting mysql and python
con=mysql.connector.connect(host="localhost",user="root",passwd="yash24",database="theb
oringbroker")

print(" ")

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\header.jpg'))

#voice assistant-saavi
speaker_number = 1
voice = mouth.Dispatch("SAPI.SpVoice")
vcs = voice.GetVoices()
vcs.Item (speaker_number) .GetAttribute ("Name")
voice.Voice
```

```

voice.SetVoice(vcs.Item(speaker_number))

print(colored(("Hey Fam!,Welcome to the Boring Broker !"),"yellow",attrs=['bold']))

print(" ")

print(colored(("I'm Saavi,your default voice assistant"),attrs=['bold']))

voice.Speak("Hey Fam!,Welcome to the Boring Broker !,I'm Saavi!,your voice assistant for this
entire home hunting journey")

print(" \n \n ")


a=con.cursor(buffered=True)

time.sleep(2)          #delay period


#signup/signin

voice.Speak("Time to enter your home")

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\signinsignup.png',width='250',height='1
00'))


print(colored("If you are new please choose SIGN UP, or just SIGN IN to your existing
account!",attrs=['bold']))

voice.Speak("If you are new here,please choose sign up and join the boring broker family or just
choose sign in")

voice.Speak("Choose from below options")


c="y"

while c=="y" or c=="Y":

    print(colored("1 Create your account","yellow",attrs=['bold']))

    print(colored("2 Signin to your existing account","yellow",attrs=['bold']))

    print(" ")

    voice.Speak("Choose One to create your account   and Two to login.\n")

    c = int(input(colored(("Enter your Choice: \n"),'red',attrs=['bold','dark'])))

```



```

print(colored('***127','green'))

if c == 1:

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\createacc.png',width='250',height='100'
))

    voice.speak("Welcome! ,Create your account and join our boring broker family.")
    time.sleep(2)
    voice.Speak("First Enter your email ID.")
    Emailid = input(colored(("Enter your EmailId : "),'red',attrs=['bold','dark']))
    print(" ")

# Function To Check if Employee with given Id Exist or Not
sql = 'select * from clients where Emailid=%s'
c = con.cursor(buffered=True)
data = (Emailid,)
c.execute(sql, data)
r = c.rowcount
if r == 1:

    voice.Speak("Sorry, your account already exists. Try Again or Sign in")
    print(colored("Account already exists :(\n",'red',attrs=['bold','dark']))
    print(" Try Again ")
    print(" ")
    c=input(colored("Do you want to start from the beginning? Enter
y/Y",'red',attrs=['bold','dark']))
else:

    voice.Speak("Enter your First Name")
    Fname=input(colored(('Enter your First name : '),'red',attrs=['bold','dark']))
    voice.Speak("Enter your Last Name")
    Lname=input(colored(('Enter your Last Name : '),'red',attrs=['bold','dark']))

```

```

voice.Speak("Enter your phone number")
phone=input(colored(("Enter your Phone Number : "),'red',attrs=['bold','dark']))
voice.Speak("Enter your Date of birth in the below mentioned format")
dob=input(colored(('Enter your date of birth(YYYY-MM-DD) : '), 'red',attrs=['bold','dark']))
voice.Speak("Enter your city and state")
citystate=input(colored(('Enter your City,State : '), 'red',attrs=['bold','dark']))
data = (Emailid,Fname,Lname,phone,dob,citystate)
print(" ")

c="y"
while c=="y" or c=="Y":
    content1=random.randint(100000,999999)
    content=str(content1)
    mail=smtplib.SMTP('smtp.gmail.com',587)
    mail.ehlo()
    mail.starttls()
    mail.login('theboringbroker@gmail.com','yash@tbb')
    mail.sendmail('theboringbroker@gmail.com',Emailid,content)
    mail.close()
    voice.Speak(" A six digit OTP is sent to your Email ID, Enter that below.")
    otp=int(input(colored(("Enter OTP sent to your Email ID : "),'red',attrs=['bold','dark'])))
    if otp==content1:
        voice.Speak("Your Email ID is verified ")
        print(colored(" Your Email ID is verified  \n",'red',attrs=['bold','dark']))
        c="n"
    elif otp!=content1:
        voice.Speak("You entered a wrong OTP, Try again bud")
        print(" Incorrect OTP. TRY AGAIN!  \n",'red',attrs=['bold','dark'])

```

```

        voice.Speak("Enter Y to try again" )

        c=input("Enter Y/y to try again : ','red',attrs=['bold','dark'])

    else:

        print(" ")

# Inserting client details in the clients Table

    sql = 'insert into clients values(%s,%s,%s,%s,%s,%s,%s)'

    c = con.cursor()

    c.execute(sql, data)

    con.commit()


    print(".")                #waitingtime
    time.sleep(0.5)
    print(".")
    time.sleep(0.5)
    print(".")
    time.sleep(0.5)

    print(colored("\n  YOUR ACCOUNT IS SUCCESSFULLY CREATED
", 'yellow', attrs=['bold', 'dark']))

    voice.Speak(" Your account is successfully created")

    print(" ")


    print(colored("Do you want to move to our Homepage? ','green',attrs=['bold','dark']))

    c=input(colored(("Enter your lucky number >>"), 'red', attrs=['bold', 'dark']))

    print(" ")

    print(colored('*'*127, 'green'))


elif c==2:

```

```

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\sign
in.png',width='250',height='100'))

voice.speak("Welcome Back, Sign in to your existing account.")

time.sleep(2)

voice.Speak("Enter your email ID ")

Emailid = input(colored(("Enter your EmailId : "),'red',attrs=['bold','dark']))


# Function To Check if Employee with given Id Exist or Not

sql = 'select * from clients where Emailid=%s'

c = con.cursor(buffered=True)

data = (Emailid,)

c.execute(sql, data)

r = c.rowcount

if r == 0:

    voice.Speak("Sorry, your account does not exists. Create your account")

    print(colored("Account does not exists :(\n",'yellow',attrs=['bold','dark']))

    print(colored(" Try Again! ",'yellow',attrs=['bold','dark']))

    print(" ")

else:

    c="y"

    while c=="y" or c=="Y":

        content1=random.randint(100000,999999)

        content=str(content1)

        mail=smtplib.SMTP('smtp.gmail.com',587)

        mail.ehlo()

        mail.starttls()

        mail.login('theboringbroker@gmail.com','yash@tbb')

        mail.sendmail('theboringbroker@gmail.com',Emailid,content)

        mail.close()

```

#VERIFYING EMAIL ID USING THE OTP SENT

```
voice.Speak(" A six digit OTP is sent to your Email ID, Enter that below.")
otp=int(input(colored(("Enter OTP sent to your Email ID : "),'red',attrs=['bold','dark'])))
if otp==content1:
    voice.Speak("your Email ID is verified ")
    print(colored(" Your Email ID is verified  \n",'red',attrs=['bold','dark']))

    print(".")          #waitingtime
    time.sleep(0.5)
    print(".")
    time.sleep(0.5)
    print(".")
    time.sleep(0.5)

    print(colored("\n YOU ARE SUCCESSFULLY LOGGEDIN
", 'yellow',attrs=['bold','dark']))
    voice.Speak("you are successfully loggedin")
    break
elif otp!=content1:
    voice.Speak("You entered a wrong OTP, Try again bud")
    print(" Incorrect OTP. TRY AGAIN!  \n",'red',attrs=['bold','dark'])
    voice.Speak("Enter Y to try again" )
    c=input("Enter Y/y to try again : ','red',attrs=['dark','bold'])
else:
    print("")

print(colored("Do you want to move to our Homepage?",'green',attrs=['bold','dark']))
c=input(colored(("Enter your lucky number >>"),'red',attrs=['bold','dark']))
print(" ")
```

```

print(colored('*'*127,'green'))

else:
    print("\n  SORRY! INVALID CHOICE  \n")
    c=input(colored("Do you want to start from the beginning? Enter
y/Y",'red',attrs=['bold','dark']))

c='y'
while c=='y' or c=='Y':

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\homepage.png',width='250',height='10
0'))

voice.Speak("You are now in our home page!")

print(colored('  1 FOR RENT',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  2 FOR SALE','yellow',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  3 PACKERS AND MOVERS',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  4 CHATBOT','yellow',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  5 ARTICLES AND BLOGS',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  6 FEEDBACK','yellow',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  7 ABOUT US & CONTACT US',attrs=['bold','dark','concealed']))
time.sleep(0.5)
print(colored('  8 EXIT','yellow',attrs=['bold','dark','concealed']))

```

```

time.sleep(0.5)
voice.Speak('Choose where you want to go!')
print()
CHOICE=int(input(colored(('CHOOSE WHERE YOU WANT TO GO >>
'),'red',attrs=['bold','dark'])))
print(colored('*' * 127,'green'))

if CHOICE==1:          #forrent

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\forrent.png',width='250',height='100'))
    voice.Speak("Discover your perfect rental!")

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\rental.jpg',width='450',height='200'))
    time.sleep(0.5)

#house1
print(colored('-'*60,attrs=['bold']))
print(colored('House no : 1','yellow',attrs=['bold','dark']))
print(colored('-'*60,attrs=['bold']))
print(colored('2BHK Independent House in Adyar','red',attrs=['bold','dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent1.jpg',width='350',height='100')
)
    print(colored("Description :", 'red',attrs=['bold','dark']))
    print(colored("        white themed independent house in Venkatarathnam Nagar,Adyar
\n Nearby: Tidel Park , Ramanujan IT city , S2Theyagaraja",attrs=['bold','dark']))
    time.sleep(0.5)
    print(" ")

#house 2

```

```

print(colored('-'*60,attrs=['bold']))
print(colored('House no : 2','yellow',attrs=['bold','dark']))
print(colored('-'*60,attrs=['bold']))
print(colored('1BHK Flat For Rent in Thiruvannamiyur','red',attrs=['bold','dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent2.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          yellow white themed Flat for rent in Paras Apartments in Adyar \n
Nearby: Tidel Park , Thiruvannamiyur Bus Depot", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

#house 3

print(colored('-'*60,attrs=['bold']))
print(colored('House no : 3','yellow',attrs=['bold','dark']))
print(colored('-'*60,attrs=['bold']))
print(colored('4BHK Independent House For Rent in Palavakkam'))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent3.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          white and cyan coloured Independent house for Rent in Palavakkam
near Masjid E Mahmoodh \n Nearby: PrinceInfoCity , Kandanchavadi , Domino'sPizza
", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

#house 4

print(colored('-'*60,attrs=['bold']))
print(colored('House no : 4','yellow',attrs=['bold','dark']))

```



```

print(colored('-'*60,attrs=['bold']))

print(colored('2BHK Independent House For Rent in Kottivakkam','red',attrs=['bold','dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent4.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          blue themed Independent House for Rent in Panchayat
street,Palavakkam \n Nearby: PrinceInfoCity , Kandanchavadi ,
Domino'sPizza", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

#house 5

print(colored('-'*60,attrs=['bold']))

print(colored('House no : 5','yellow',attrs=['bold','dark']))

print(colored('-'*60,attrs=['bold']))

print(colored('3BHK Independent House For Rent in Besantnagar','red',attrs=['bold','dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent5.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          modern independent house for rent opp to Besantnagar Beach \n
Nearby: Besantnagar Bus Deport , Adyar", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

#house 6

print(colored('-'*60,attrs=['bold']))

print(colored('House no : 6','yellow',attrs=['bold','dark']))

print(colored('-'*60,attrs=['bold']))

print(colored("3BHK Flat For Rent in ShastriNagar", 'red', attrs=['bold', 'dark']))

```

```

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent6.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          clean and dim yellow themed Flat for rent in Subbrayan street next
to Anand footwear \n Nearby: Adyar Petrol Bunk,Bss school", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

print(colored('-'*60, attrs=['bold']))

print(colored('DETAILS OF THE HOUSES :', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

print(" ")

#CSV-FOR RENT

df = pd.read_csv (r'C:\Users\Admin\OneDrive\tbb\csv\rent.csv', index_col=0)

print (df)

print(" ")

print(colored('-'*60, attrs=['bold']))

print(" ")

print(colored('HOPE YOU FOUND YOUR NEXT HOME!', 'blue', attrs=['bold', 'dark']))

voice.Speak("Hope you found your next home")

voice.Speak("If yes, enter the house number!")

c='y'

while c=='y' or c=='Y':

    CHOICE=int(input(colored(('ENTER THE HOUSE NUMBER >>
'), 'red', attrs=['bold', 'dark', 'concealed'])))

```

```

print(" ")

if CHOICE==1:

    voice.Speak("Great choice!,you have selected the house number 1!")

    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent1.jpg',width='350',height='100')
)

    with smtplib.SMTP('smtp.gmail.com',587) as smtp:

        smtp.ehlo()

        smtp.starttls()

        smtp.ehlo

        smtp.login('theboringbroker@gmail.com','yash@tbb')

        cemail=input(colored(("Enter your Emailid: "),'red'))

        print(" ")

        subject= 'For rent-Contact details of house 1'

        body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Dhrithi Ganeshan \nPhone : +91 86106 74742 \nHAPPY HOME \nThe
Boring Broker'

        msg=f'Subject: {subject}\n\n{body}'

        smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

        print('Contact Details of the owner is sent to your EmailId')

        c=input('Do you want to continue?:')


elif CHOICE==2:

    voice.Speak("Great choice!,you have selected the house number 2!")

    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent2.jpg',width='350',height='100')
)

```

```

with smtplib.SMTP('smtp.gmail.com',587) as smtp:

    smtp.ehlo()

    smtp.starttls()

    smtp.ehlo

    smtp.login('theboringbroker@gmail.com','yash@tbb')

    cemail=input(colored(("Enter your Emailid: "),'red'))

    subject= 'For rent-Contact details of house 2'

    body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Aadhira \nPhone : +91 95669 84689 \nHAPPY HOME \nThe Boring
Broker'

    msg=f'Subject: {subject}\n\n{body}'

    smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

    print('Contact Details of the owner is sent to your EmailId')

    c=input('Do you want to continue?:')


elif CHOICE==3:

    voice.Speak("Great choice!,you have selected the house number 3!")

    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))


display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent3.jpg',width='350',height='100')
)


with smtplib.SMTP('smtp.gmail.com',587) as smtp:

    smtp.ehlo()

    smtp.starttls()

    smtp.ehlo

    smtp.login('theboringbroker@gmail.com','yash@tbb')

    cemail=input(colored(("Enter your Emailid: "),'red'))

    subject= 'For rent-Contact details of house 3'

```

```
body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Advith \nPhone : +91 99406 41315 \nHAPPY HOME \nThe Boring
Broker'
```

```
msg=f'Subject: {subject}\n\n{body}'
```

```
smtp.sendmail('theboringbroker@gmail.com',cemail,msg)
```

```
print('Contact Details of the owner is sent to your EmailId')
```

```
c=input('Do you want to continue?:')
```

```
elif CHOICE==4:
```

```
voice.Speak("Great choice!,you have selected the house number 4!")
```

```
print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))
```

```
display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent4.jpg',width='350',height='100')
)
```

```
with smtplib.SMTP('smtp.gmail.com',587) as smtp:
```

```
smtp.ehlo()
```

```
smtp.starttls()
```

```
smtp.ehlo
```

```
smtp.login('theboringbroker@gmail.com','yash@tbb')
```

```
cemail=input(colored(("Enter your Emailid: "),'red'))
```

```
subject= 'For rent-Contact details of house 4'
```

```
body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Yash \nPhone : +91 99406 41315 \nHAPPY HOME \nThe Boring Broker'
```

```
msg=f'Subject: {subject}\n\n{body}'
```

```
smtp.sendmail('theboringbroker@gmail.com',cemail,msg)
```

```
print('Contact Details of the owner is sent to your EmailId')
```

```
c=input('Do you want to continue?:')
```

```
elif CHOICE==5:
```

```

        voice.Speak("Great choice!,you have selected the house number 5!")

        print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent5.jpg',width='350',height='100')
)

        with smtplib.SMTP('smtp.gmail.com',587) as smtp:

            smtp.ehlo()

            smtp.starttls()

            smtp.ehlo

            smtp.login('theboringbroker@gmail.com','yash@tbb')

            cemail=input(colored(("Enter your Emailid: "),'red'))

            subject= 'For rent-Contact details of house 5'

            body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Irumporai \nPhone : +91 98765 41315 \nHAPPY HOME \nThe Boring
Broker'

            msg=f'Subject: {subject}\n\n{body}'

            smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

            print('Contact Details of the owner is sent to your Emailld')

            c=input('Do you want to continue?:')

elif CHOICE==6:

        voice.Speak("Great choice!,you have selected the house number 6!")

        print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent6.jpg',width='350',height='100')
)

        with smtplib.SMTP('smtp.gmail.com',587) as smtp:

            smtp.ehlo()

            smtp.starttls()

```

```

smtp.ehlo

smtp.login('theboringbroker@gmail.com','yash@tbb')

cemail=input(colored(("Enter your Emailid: "),'red'))

subject= 'For rent-Contact details of house 6'

body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Olimani \nPhone : +91 87654 41315 \nHAPPY HOME \nThe Boring
Broker'

msg=f'Subject: {subject}\n\n{body}'

smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

print('Contact Details of the owner is sent to your EmailId')

c=input('Do you want to continue?:')

c=input('Do you want to go to our home page?: ')

print(colored('*' * 127,'green'))


elif CHOICE==2:          #forsale

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\forsale.png',width='250',height='100'))

voice.Speak("Hunt for your perfect home")


display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\buying.jpg',width='450',height='200'))

time.sleep(0.5)

voice.Speak("Pick your future home !")

time.sleep(0.5)

#house1

print(colored('-'*60,attrs=['bold']))

print(colored('House no : 1','yellow',attrs=['bold','dark']))

print(colored('-'*60,attrs=['bold']))

print(colored('2BHK Flat For Sale in Thoraipakkam','red',attrs=['bold','dark']))

```

```

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy1.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          green and red themed Flat for sale in SunShine Apartments in
Palavakkam \n Nearby: OMR , MRG Nagar , APL Global School", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")


#house 2

print(colored('-'*60, attrs=['bold']))

print(colored('House no : 2', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

print(colored('2BHK Flat For Sale In IndhraNagar', 'red', attrs=['bold', 'dark']))


display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy2.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          classic white themed with purple touch Flat for Sale in MKRS
Apartments in IndhraNagar \n Nearby: BesantNagar , Adyar ,
Thiruvanmiyur", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")


#house 3

print(colored('-'*60, attrs=['bold']))

print(colored('House no : 3', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

print(colored('3BHK Flat For Sale In Adyar', 'red', attrs=['bold', 'dark']))

```



```

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy3.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          ultra modern,black and white themed Flat for Sale in
KandaswamyNagar,Adyar \n Nearby: AdyarBusDepot , BesantNagar , BSS Shool
", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")


#house 4

print(colored('-'*60, attrs=['bold']))

print(colored('House no : 4', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

print(colored('4BHK Independent House For Sale in Palavakkam', 'red', attrs=['bold', 'dark']))


display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy4.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          half white coloured Independent House for Sale in Palavakkam,ECR
near PoorvikaMobiles \n Nearby: HotChipsVegRestaurant , Kandanchavadi ,
Domino'sPizza", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")


#house 5

print(colored('-'*60, attrs=['bold']))

print(colored('House no : 5', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

print(colored('3BHK Independent House For Sale in Besantnagar', 'red', attrs=['bold', 'dark']))

```

```

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy5.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          modern independent house for Sale opp to Besantnagar Beach \n
Nearby: Besantnagar Bus Deport , Adyar", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

#house 6

print(colored('-'*60, attrs=['bold']))

print(colored('House no : 6', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

print(colored("2BHK Flat For Sale in Neelankarai", 'red', attrs=['bold', 'dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\rent6.jpg',width='350',height='100')
)

print(colored("Description :", 'red', attrs=['bold', 'dark']))

print(colored("          clean finished Flat for Sale In Ns Apartment in Neelankarai \n
Nearby: Injambakkam , Palavakkam , ECR", attrs=['bold', 'dark']))

time.sleep(0.5)

print(" ")

print(colored('-'*60, attrs=['bold']))

print(colored('DETAILS OF THE HOUSES :', 'yellow', attrs=['bold', 'dark']))

print(colored('-'*60, attrs=['bold']))

#CSV-FOR RENT

df = pd.read_csv (r'C:\Users\Admin\OneDrive\tbb\csv\sale.csv', index_col=0)

print (df)

```

```

print(" ")

print(colored('-'*60,attrs=['bold']))
print(" ")

print(colored('HOPE YOU FOUND YOUR DREAM HOME!','blue',attrs=['bold','dark']))
voice.Speak("Hope you found your DREAM home")
voice.Speak("If yes,enter the house number!")
c='y'
while c=='y' or c=='Y':
    CHOICE=int(input(colored(('ENTER THE HOUSE NUMBER >>
'),'red',attrs=['bold','dark','concealed'])))
    print(" ")
    if CHOICE==1:
        voice.Speak("Great choice!,you have selected the house number 1!")
        print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy1.jpg',width='350',height='100')
)

with smtplib.SMTP('smtp.gmail.com',587) as smtp:
    smtp.ehlo()
    smtp.starttls()
    smtp.ehlo
    smtp.login('theboringbroker@gmail.com','yash@tbb')
    cemail=input(colored(("Enter your Emailid: "),'red'))
    subject= 'For sale-Contact details of house 1'

    body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Viviktha \nPhone : +91 86106 98987 \nHAPPY HOME \nThe Boring
Broker'

```

```

    msg=f'Subject: {subject}\n\n{body}'

    smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

    print('Contact Details of the owner is sent to your EmailId\n')

    c=input('Do you want to continue?:')


elif CHOICE==2:

    voice.Speak("Great choice!,you have selected the house number 2!")

    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy2.jpg',width='350',height='100')
)

    with smtplib.SMTP('smtp.gmail.com',587) as smtp:

        smtp.ehlo()

        smtp.starttls()

        smtp.ehlo

        smtp.login('theboringbroker@gmail.com','yash@tbb')

        cemail=input(colored(("Enter your Emailid: "),'red'))

        subject= 'For sale-Contact details of house 2'

        body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Tvarika \nPhone : +91 98765 84689 \nHAPPY HOME \nThe Boring
Broker'

        msg=f'Subject: {subject}\n\n{body}'

        smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

        print('Contact Details of the owner is sent to your EmailId')

        c=input('Do you want to continue?:')


elif CHOICE==3:

    voice.Speak("Great choice!,you have selected the house number 3!")

```

```

        print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy3.jpg',width='350',height='100')
)

        with smtplib.SMTP('smtp.gmail.com',587) as smtp:

            smtp.ehlo()

            smtp.starttls()

            smtp.ehlo

            smtp.login('theboringbroker@gmail.com','yash@tbb')

            cemail=input(colored(("Enter your Emailid: "),'red'))

            subject= 'For sale-Contact details of house 3'

            body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Chiranjeev \nPhone : +91 98765 41315 \nHAPPY HOME \nThe Boring
Broker'

            msg=f'Subject: {subject}\n\n{body}'

            smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

            print('Contact Details of the owner is sent to your EmailId')

            c=input('Do you want to continue?:')

elif CHOICE==4:

    voice.Speak("Great choice!,you have selected the house number 4!")

    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy4.jpg',width='350',height='100')
)

        with smtplib.SMTP('smtp.gmail.com',587) as smtp:

            smtp.ehlo()

            smtp.starttls()

            smtp.ehlo

```

```

smtp.login('theboringbroker@gmail.com','yash@tbb')

cemail=input(colored(("Enter your Emailid: "),'red'))

subject= 'For sale-Contact details of house 4'

body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Avanthik Varshan \nPhone : +91 93456 41315 \nHAPPY HOME \nThe
Boring Broker'

msg=f'Subject: {subject}\n\n{body}'

smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

print('Contact Details of the owner is sent to your EmailId')

c=input('Do you want to continue?:')


elif CHOICE==5:

    voice.Speak("Great choice!,you have selected the house number 5!")

    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy5.jpg',width='350',height='100')
)

with smtplib.SMTP('smtp.gmail.com',587) as smtp:

    smtp.ehlo()

    smtp.starttls()

    smtp.ehlo

    smtp.login('theboringbroker@gmail.com','yash@tbb')

    cemail=input(colored(("Enter your Emailid: "),'red'))

    subject= 'For sale-Contact details of house 5'

    body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Yazhini Chandhrasekar \nPhone : +91 98765 95467 \nHAPPY HOME
\nThe Boring Broker'

    msg=f'Subject: {subject}\n\n{body}'

    smtp.sendmail('theboringbroker@gmail.com',cemail,msg)

    print('Contact Details of the owner is sent to your EmailId')

```

```

c=input('Do you want to continue?:')

elif CHOICE==6:
    voice.Speak("Great choice!,you have selected the house number 6!")
    print(colored(' THE HOUSE YOU HAVE
SELECTED','yellow',attrs=['bold','dark','concealed']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\housesfinal\buy6.jpg',width='350',height='100')
)

with smtplib.SMTP('smtp.gmail.com',587) as smtp:
    smtp.ehlo()
    smtp.starttls()
    smtp.ehlo
    smtp.login('theboringbroker@gmail.com','yash@tbb')
    cemail=input(colored(("Enter your Emailid: "),'red'))
    subject= 'For sale-Contact details of house 6'

    body= 'Thank you for choosing us as your partner. Here are the contact
details:\nOwner name : Aadhya Maniratnam \nPhone : +91 94673 41315 \nHAPPY HOME
\nThe Boring Broker'

    msg=f'Subject: {subject}\n\n{body}'
    smtp.sendmail('theboringbroker@gmail.com',cemail,msg)
    print('Contact Details of the owner is sent to your EmailId')
    c=input('Do you want to continue?:')
    print(" ")

c=input('Do you want to go to our home page?: ')
print(colored('*' * 80,'green'))


elif CHOICE==3:          #packers%movers

    display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\pm.png',width='250',height='100'))

```

```

voice.Speak("Enjoy hassle-free house shifting.")

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\buying.jpg',width='250',height='100'))

voice.Speak("Our top 4 packers and movers for you!")

time.sleep(0.5)

#PM1

print(colored('-'*60,attrs=['bold']))

print(colored('Quick Move PackersMovers','yellow',attrs=['bold','dark']))

print(colored('-'*60,attrs=['bold']))

print(colored('QuickMove,a Pre- eminent packers and Movers Service Provider in
Chennai,India \n','red',attrs=['bold','dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\packmove\quickmove.jpg',width='450',height='
200'))

print(colored("QuickMove are well known for our Quality, Safe & Secure - Standard Packing
Quality, Handling with Care & Safe & Secure Transportation. \n Customer's utmost satisfaction
is their primary goal,Quickmove is now growing with 10 years of industrial experience with
Thousands of Happy Customer. ","red',attrs=['bold','dark']))

print(colored("\nCONTACT DETAILS : ",attrs=['bold','dark']))

print(colored("                quickmoverelocationchn@gmail.com \n                +91
6382200479\n",'red',attrs=['bold','dark']))

print(" ")

#PM2

print(colored('-'*60,attrs=['bold']))

print(colored('Sulekha -Packers & Movers','yellow',attrs=['bold','dark']))

print(colored('-'*60,attrs=['bold']))

print(colored("Sulekha is India's most efficient and affordable premier listing
service.\n",'red',attrs=['bold','dark']))

```



```
display(Image(r'C:\Users\Admin\OneDrive\tbb\packmove\sulekha.jpg',width='450',height='200'))
```

```
print(colored("Our verified Chennai Packers & Movers are expertize in packing your articles separately using air pocket wraps, bubble wraps, corrugated boxes, waterproof plastic boxes, cellophane sheets and also securing them with locks and seals to ensure tamper proof and safe delivery. ", 'red', attrs=['bold', 'dark']))
```

```
print(colored("\nCONTACT DETAILS : ", attrs=['bold', 'dark']))
```

```
print(colored("                care@sulekha.com \n                1800 420 1212\n", 'red', attrs=['bold', 'dark']))
```

```
print(" ")
```

```
#PM3
```

```
print(colored('-', '*660, attrs=['bold']))
```

```
print(colored(' NoBroker -Packers & Movers', 'yellow', attrs=['bold', 'dark']))
```

```
print(colored('-', '*60, attrs=['bold']))
```

```
print(colored("NoBroker is a disruptive real-estate platform that makes it possible to buy/sell/rent a house without paying any brokerage.\n", 'red', attrs=['bold', 'dark']))
```

```
display(Image(r'C:\Users\Admin\OneDrive\tbb\packmove\nobroker.jpg',width='450',height='200'))
```

```
print(colored("Get guaranteed lowest priced quote for your shifting instantly.Our partner will arrive as per schedule to pack & load your belonging ", 'red', attrs=['bold', 'dark']))
```

```
print(colored("\nCONTACT DETAILS : ", attrs=['bold', 'dark']))
```

```
print(colored("                hello@nobroker.com \n                9241400000\n", 'red', attrs=['bold', 'dark']))
```

```
yt_vid=YouTubeVideo('bpe-ubMmLgc')
```

```
display(yt_vid)
```

```
print(" ")
```

```
#PM4
```

```
print(colored('-', '*60, attrs=['bold']))
```

```

print(colored('Chennai Packers & Movers','yellow',attrs=['bold','dark']))

print(colored('-'*60,attrs=['bold']))

print(colored("Chennai Packers Movers is a Chennai based company, rendering
professional packing and moving services all over India.\n",'red',attrs=['bold','dark']))

display(Image(r'C:\Users\Admin\OneDrive\tbb\packmove\chennaipm.jpg',width='450',height='
200'))

print(colored("We take utmost care offering high-end packing and moving services at
reasonable prices. ", 'red',attrs=['bold','dark']))

print(colored("\nCONTACT DETAILS : ",attrs=['bold','dark']))

print(colored("                info@chennaipackersmovers.com \n                +91 98402
54011\n",'red',attrs=['bold','dark']))

print(" ")

c=input('Do you want to continue?:')

print(colored('*' * 127,'green'))

elif CHOICE==4:                #chatbot

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\chatbot.png',width='250',height='100'))

voice.Speak("Hi there,got any questions,I am there to help you!")

voice.Speak("Shoot your question from below")

print(colored("HERE ARE SOME FAQ's",'red',attrs=['bold','dark']))

print(colored("hi/hey/hello",'yellow'))

print(colored("what is your name?",'yellow'))

print(colored("What is #TheBoringBroker?",'yellow'))

print(colored("What is the aim of the #theboringbroker?",'yellow'))

print(colored("How does the #TheBoringBroker works?",'yellow'))

print(colored("#TheBoringBroker in upcoming years",'yellow'))

```

```

print(colored("#TheBoringBroker vs other Realestate sites",'yellow'))
print(colored("Advertising with #TheBoringBroker",'yellow'))
print(colored("Benefits for the Clients",'yellow'))
print(colored("I have some more queries",'yellow'))
print(colored("quit",'yellow'))

print(colored("\n (WE RECOMMEND YOU TO COPY PASTE THE
QUESTION)",'red',attrs=['bold','dark']))

time.sleep(0.5)
voice.Speak("here you go!")

set_pairs = [
    [
        r"hi|hey|hello",
        ["\nHello", "Hey there\n",]
    ],
    [
        r"what is your name?",
        ["\nYou can call me Saavi\n",]
    ],
    [
        r"What is #TheBoringBroker?",
        ["\n#theboringbroker is a Real Estate platform designed for all the people in the
community.\n",]
    ],
    [
        r"What is the aim of the #theboringbroker?",
        ["\n#TheBoringBroker aims to encourage a range of affordable, accessible and decent
rental & buying options throughout the community.\n",]
    ]
]

```

```

    ],
    [
        r"How does the #TheBoringBroker works?",

        ["\n#The homebuyers and the people looking for their next house can directly select
their house from the application.\n#The houseowners need to post their house to the official
TBB's Email along with the photos.\n",]

    ],
    [
        r"#TheBoringBroker in upcoming years",

        ["\nSome of the features will be introduced: \n  #HOMEDESIGNING-INDULGE REALITY
\n  #booking for PACKERS AND MOVERS \n  #DISTANCE CALCULATOR\n",]

    ],
    [
        r"#TheBoringBroker vs other Realestate sites",

        ["\n#All the posts in #TBB is verified. \n#The Client's data is not shared with any
organisation-DATASECURITY. \n#Consumes less data then other RealEstate Sites.\n",]

    ],
    [
        r"Advertising with #TheBoringBroker",

        ["\nMarketing & Promoting Advertisements are open. The user can send their post to
the official #TBB's Emailid.\n",]

    ],
    [
        r"Benefits for the Clients",

        ["\n#We are greatly reducing the complications in the House-Hunting Process. \n#Well
Categorized and Satisfying options for the users. \n",]

    ],
    [
        r"I have some more queries",

        ["\nEmail us <theboringbroker@gmail.com\n",]

```

```

    ],
    [
        r"quit",
        [",\nBye, take care. See you soon :) ",",\nIt was nice talking to you. See you soon :) \n"]
    ],
    ]

chat = Chat(set_pairs, reflections)
chat.converse()

c=input('Do you want to go to our home page?: ')
print(" ")
print(colored('*' * 127,'green'))


elif CHOICE==5:          #articles&blogs


display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\a&b.png',width='250',height='100'))


display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\homemadeblogs.jpg',width='250',height='100'))

print(" ")
voice.Speak("HERE ARE SOME OF THE HANDPICKED ARTICLES AND BLOGS FOR YOU!")
display(Image(r'C:\Users\Admin\OneDrive\tbb\a&b\1.jpg',width='650',height='400'))
display(Image(r'C:\Users\Admin\OneDrive\tbb\a&b\2.jpg',width='650',height='400'))
display(Image(r'C:\Users\Admin\OneDrive\tbb\a&b\3.jpg',width='650',height='400'))
display(Image(r'C:\Users\Admin\OneDrive\tbb\a&b\4.jpg',width='650',height='400'))
display(Image(r'C:\Users\Admin\OneDrive\tbb\a&b\5.jpg',width='650',height='400'))
c='y'
while c=='y' or c=='Y':
    CHOICE=int(input(colored(('ENTER THE ARTICLE NO >> '), 'red', attrs=['bold', 'dark'])))
    if CHOICE==1:

```

```

        webbrowser.open("https://www.ndtv.com/business/housing-prices-rise-by-3-7-per-
cent-in-top-eight-cities-report-2794224")

        print(colored("\nArticle opened in a separate tab...#EnjoyReading
\n",attrs=['bold','dark']))

        c=input(colored(("Do you want to read more?  "),'red'))

    elif CHOICE==2:

        webbrowser.open("https://www.ndtv.com/business/low-interest-rate-regime-on-
home-loans-to-continue-say-realtors-on-rbi-policy-2642231")

        print(colored("\nArticle opened in a separate tab...#EnjoyReading
\n",attrs=['bold','dark']))

        c=input(colored(("Do you want to read more?  "),'red'))

    elif CHOICE==3:

        webbrowser.open("https://www.ndtv.com/business/india-may-receive-cross-border-
real-estate-investment-of-2-5-billion-in-2022-report-2557853")

        print(colored("\nArticle opened in a separate tab...#EnjoyReading
\n",attrs=['bold','dark']))

        c=input(colored(("Do you want to read more?  "),'red'))

    elif CHOICE==4:

        webbrowser.open("https://www.ndtv.com/business/global-prime-residential-index-
registers-annual-growth-of-8-2-in-june-quarter-delhi-slips-5-spots-in-index-report-2514283")

        print(colored("\nArticle opened in a separate tab...#EnjoyReading
\n",attrs=['bold','dark']))

        c=input(colored(("Do you want to read more?  "),'red'))

    elif CHOICE==5:

        webbrowser.open("https://www.ndtv.com/business/real-estate-group-capitaland-
launches-its-2nd-logistic-private-fund-of-rs-2-250-crore-to-expand-logistics-sector-2486750")

        print(colored("\nArticle opened in a separate tab...#EnjoyReading
\n",attrs=['bold','dark']))

        c=input(colored(("Do you want to read more?  "),'red'))

    else:

        print(" ")

        c=input(colored(("Do you want to read?  "),'red'))

```

```

c=input('Do you want to go to our home page?: ')
print(colored('*' * 127,'green'))

elif CHOICE==6:

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\feedback.png',width='250',height='100'
))

print(" ")
voice.Speak("YOUR FEEDBACK HELPS US TO IMPROVE")
print(colored("YOUR FEEDBACK HELPS US TO IMPROVE. ", 'red', attrs=['bold', 'dark']))
print(" ")

date=input(colored(("Enter today's date(YYYY-MM-DD)", 'yellow', attrs=['bold', 'dark']))

print(colored("I am a ...", 'yellow', attrs=['bold', 'dark']))

print("  Home Buyer \n  Home Seller \n  RealEstate Agent \n  RealEstate Broker \n
Landlord/Owner \n  Renter")

f1=input(colored(("Enter from above options: "), 'yellow', attrs=['bold', 'dark']))

print(" ")

f2=input(colored(("Email >> "), 'yellow', attrs=['bold', 'dark']))

print(" ")

f3=input(colored(("Name >> "), 'yellow', attrs=['bold', 'dark']))

print(" ")

print(colored("What is your Feedback about?", 'yellow', attrs=['bold', 'dark']))

print("  Experience \n  Search \n  Selling a Property \n  Collaboration Features \n
News & Insights \n  Other")

```

```

f4=input(colored(("Enter from above options:"),'yellow',attrs=['bold','dark']))
print(" ")

print(colored("And more specifically?",'yellow',attrs=['bold','dark']))
print("  Property details \n  Application \n  Photos \n  Neighborhood \n  Other")
f5=input(colored(("Enter from above options:"),'yellow',attrs=['bold','dark']))
print(" ")

print(colored("Tell us what's on your mind. We'll do our best to address it.  <max 50
characters>",'yellow',attrs=['bold','dark']))

f6=input(colored((">>"),attrs=['bold','dark']))

sql =("INSERT INTO feedback
VALUES('"+date+"','"+f1+"','"+f2+"','"+f3+"','"+f4+"','"+f5+"','"+f6+"');")

c = con.cursor()
c.execute(sql)
con.commit()

print(colored("THANK YOU SO MUCH FOR YOUR AMAZING FEEDBACK! \nTHANKS AGAIN
FOR CHOOSING #THEBORINGBROKER, AND WE CAN'T WAIT TO SEE YOU AGAIN!
\n",'red',attrs=['bold','dark']))

c=input('Do you want to go to our home page?: ')
print(colored('*' * 127,'green'))

elif CHOICE==7:

display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\aboutus.png',width='250',height='100'))
display(Image(r'C:\Users\Admin\OneDrive\tbb\logos\logo.jpg',width='350',height='100'))
print(" ")

```



```
print(colored("TheBoringBroker® is reimagining real estate to make it easier to unlock life's
next chapter.\nThBoringBroker® offers a comprehensive list of for-sale properties, as well as
the information and tools to make informed real estate decisions. Today, more than ever,
TheBoringBroker is The Home of Home Search.\nWe are here to provide an easier platform
without any brokerage fee and to help in reducing the priceless time of the users.\nWe are
continuously working to improve the accessibility of our web experience for everyone, and we
welcome feedback and accommodation requests. If you wish to report an issue or seek an
accommodation, please let us know in the Feedback window.", 'red', attrs=['bold', 'dark']))
```

```
#introvideo
```

```
yt_vid=YouTubeVideo('9yZkl1wTVzl')
```

```
display(yt_vid)
```

```
print(" ")
```

```
display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\contactus.png', width='250', height='100'))
```

```
print(" ")
```

```
print(colored("Email us >> ", attrs=['bold', 'dark']))
```

```
print(colored("    theboringbroker@gmail.com", 'yellow', attrs=['bold', 'dark']))
```

```
print(colored("Phone >>", attrs=['bold', 'dark']))
```

```
print(colored("    +91 91763 96794 \n    +91 95669
84689", 'yellow', attrs=['bold', 'dark']))
```

```
print(" ")
```

```
c=input('Do you want to go to our home page?: ')
```

```
print(" ")
```

```
print(colored('*' * 127, 'green'))
```

```
elif CHOICE==8:
```

```
display(Image(r'C:\Users\Admin\OneDrive\tbb\addons\thanks.png'))
```

```
print(" ")
```

```
else:
```

```
print(colored("INVALID CHOICE",'red',attrs=['bold','dark']))  
print(" ")  
c=input('Do you want to go to our home page?: ')  
print(colored('*' * 127,'green'))
```

OUTPUT



Hey Fam!,Welcome to the Boring Broker !

I'm Saavi,your default voice assistant

Signup / Signin

If you are new please choose SIGN UP, or just SIGN IN to your existing account!

- 1 Create your account
- 2 Signin to your existing account

Enter your Choice:

Enter your Choice:

1

Create Your Account

Enter your EmailId : yashwanthbalaji.2408@gmail.com

Enter your First name : Yashwanth

Enter your Last Name : Balaji

Enter your Phone Number : 9176396794

Enter your date of birth(YYYY-MM-DD) : 2004-08-24

Enter your City,State : Chennai,Tamilnadu

Enter OTP sent to your Email ID :

Enter your Choice:

1

Create
Your
Account

Enter your EmailId : yashwanthbalaji.2408@gmail.com

Enter your First name : Yashwanth

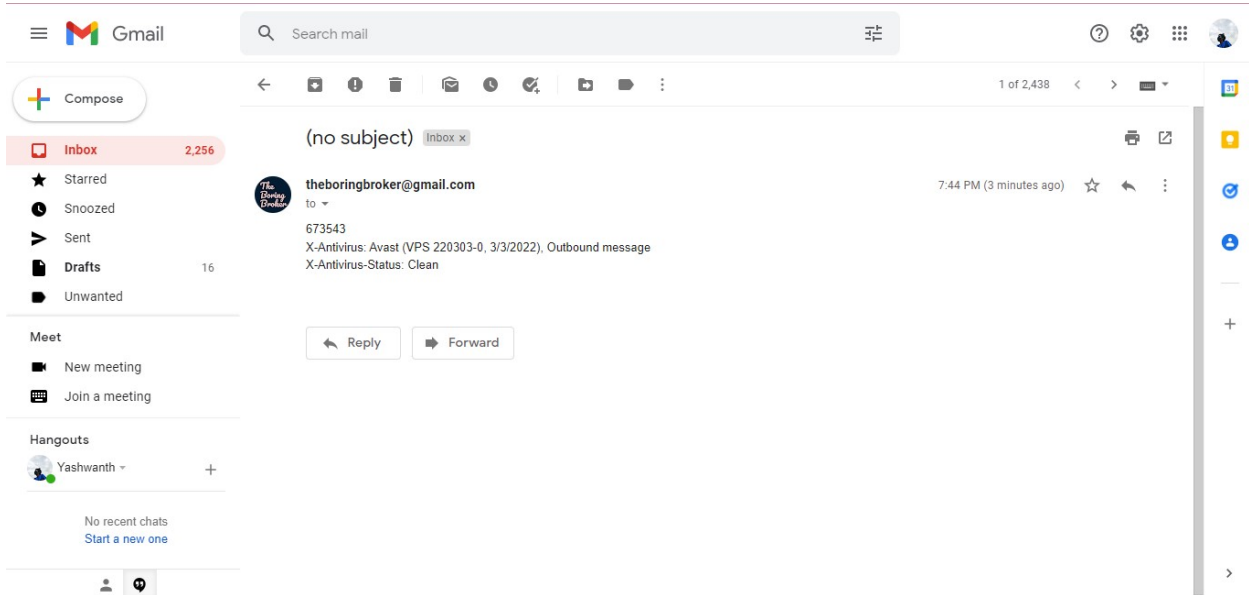
Enter your Last Name : Balaji

Enter your Phone Number : 9176396794

Enter your date of birth(YYYY-MM-DD) : 2004-08-24

Enter your City,State : Chennai,Tamilnadu

Enter OTP sent to your Email ID :



```
mysql> select * from clients;
```

Emailid	Firstname	Lastname	phone	Dob	City_State
yashwanthbalaji.2408@gmail.com	Yashwanth	Balaji	9176396794	2004-08-24	Chennai,Tamilnadu

1 row in set (0.01 sec)

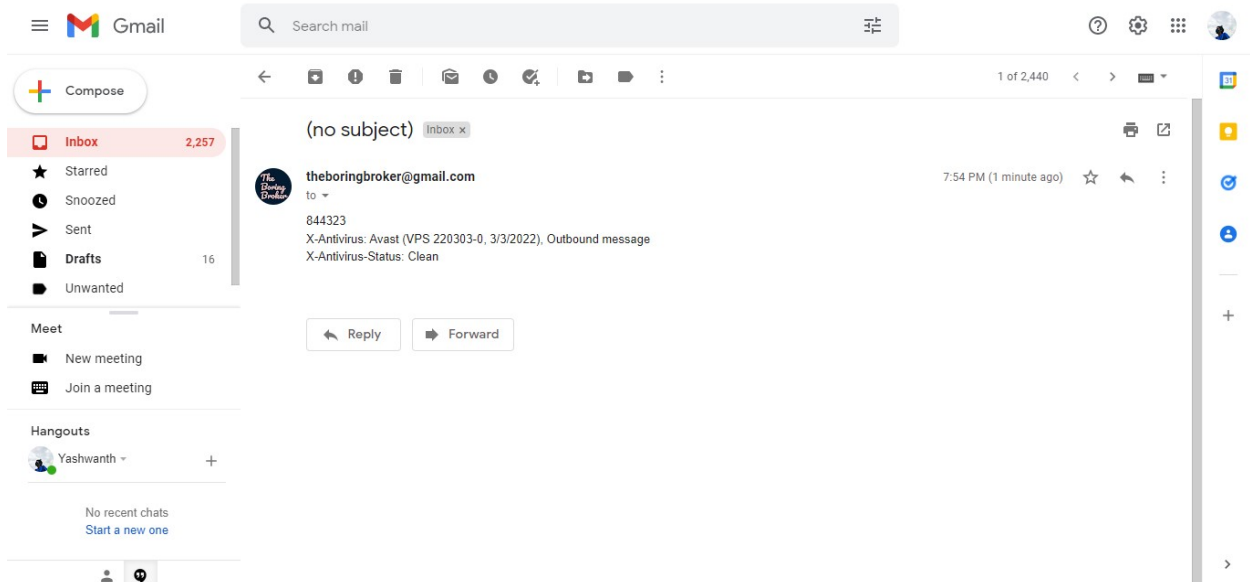
Enter your Choice:

2

Sign in

Enter your EmailId : yashwanthbalaji.2408@gmail.com

Enter OTP sent to your Email ID :



Sign in

Enter your EmailId : yashwanthbalaji.2408@gmail.com

Enter OTP sent to your Email ID : 844323

Your Email ID is verified

.
.
.

YOU ARE SUCCESSFULLY LOGGEDIN

Do you want to move to our Homepage?

Enter your lucky number >>

24

Homepage

- 1 FOR RENT
- 2 FOR SALE
- 3 PACKERS AND MOVERS
- 4 CHATBOT
- 5 ARTICLES AND BLOGS
- 6 FEEDBACK
- 7 ABOUT US & CONTACT US
- 8 EXIT

CHOOSE WHERE YOU WANT TO GO >>

1

CHOOSE WHERE YOU WANT TO GO >> 1

For
RENT



House no : 1

2BHK Independent House in Adyar



Description :
white themed independent house in Venkatarathnam Nagar,Adyar
Nearby: Tidel Park , Ramanujan IT city , S2Theyagaraja

House no : 2

1BHK Flat For Rent in Thiruvannamiyur



Description :

Description :

yellow white themed Flat for rent in Paras Apartments in Adyar
Nearby: Tidel Park , Thiruvanniyur Bus Depot

House no : 3

4BHK Independent House For Rent in Palavakkam



Description :

white and cyan coloured Independent house for Rent in Palavakkam near Masjid E Mahmoodh
Nearby: PrinceInfoCity , Kandanchavadi , Domino'sPizza

House no : 4

Description :

clean and dim yellow themed Flat for rent in Subbrayan street next to Anand footwear
Nearby: Adyar Petrol Bunk,Bss school

DETAILS OF THE HOUSES :

HouseNo	Builtup(sqft)	Deposit	Rent	ApartmentType	PreferrredTenants
1	700	60,000	20,000+	2BHK	Family
2	500	1,00,000	14,000+	1BHK	Bachelors
3	1,700	1,40,000	28,000+	4BHK	All
4	1,200	50,000	10000+	2BHK	Family
5	1,000	1,50,000	25,000+	3BHK	All
6	1,100	75,000	18,000+	3BHK	All

HOPE YOU FOUND YOUR NEXT HOME!

ENTER THE HOUSE NUMBER >>

HOPE YOU FOUND YOUR NEXT HOME!
ENTER THE HOUSE NUMBER >> 1

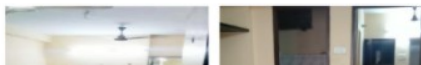
THE HOUSE YOU HAVE SELECTED



Enter your Emailid: yashwanthbalaji.2408@gmail.com

Contact Details of the owner is sent to your EmailId
Do you want to continue?:y
ENTER THE HOUSE NUMBER >> 2

THE HOUSE YOU HAVE SELECTED



Gmail interface showing an email titled "For rent-Contact details of house 1". The email is from "theboringbroker@gmail.com" and contains contact details for a property owner named Dhrithi Ganeshan. The email body includes a thank you message and a link to Avast antivirus software.

Compose

Inbox 2,261

Starred

Snoozed

Sent

Drafts 16

Unwanted

Meet

New meeting

Join a meeting

Hangouts

Search mail

3 of 2,443

For rent-Contact details of house 1

theboringbroker@gmail.com

8:01 PM (13 minutes ago)

Thank you for choosing us as your partner. Here are the contact details:
Owner name : Dhrithi Ganeshan
Phone : +91 86106 74742
HAPPY HOME
The Boring Broker

This email has been checked for viruses by Avast antivirus software.
<https://www.avast.com/antivirus>

Reply Forward

Do you want to continue?:y
ENTER THE HOUSE NUMBER >> 2

THE HOUSE YOU HAVE SELECTED



Enter your Emailid: yashwanthbalaji.2408@gmail.com
Contact Details of the owner is sent to your EmailId
Do you want to continue?:y

ENTER THE HOUSE NUMBER >>

CHOOSE WHERE YOU WANT TO GO >> 2

For
SALE



House no : 1

2BHK Flat For Sale in Thoraipakkam





Description :
green and red themed Flat for sale in SunShine Apartments in Palavakkam
Nearby: OMR , MRG Nagar , APL Global School

House no : 2

2BHK Flat For Sale In IndhraNagar



Description :
classic white themed with purple touch Flat for Sale in MKRS Apartments in IndhraNagar
Nearby: BesantNagar , Adyar , Thiruvanniyur

House no : 3

Description :
clean finished Flat for Sale In Ns Apartment in Neelankarai
Nearby: Injambakkam , Palavakkam , ECR

DETAILS OF THE HOUSES :

HouseNo	Builtup(sqft)	Est.Emi/month	TotalPrice	ApartmentType	Facing
1	975	34,388	60 L	2BHK	North
2	717	25,791	45 L	2BHK	East
3	1,300	68,777	1.2 C	3BHK	West
4	1,800	77,374	1.35 C	4BHK	South-West
5	2,500	2.01 L	3.5 C	3BHK	East
6	1,200	71,643	1.25 C	2BHK	Don'tknow

HOPE YOU FOUND YOUR DREAM HOME!

ENTER THE HOUSE NUMBER >>

HOPE YOU FOUND YOUR DREAM HOME!
ENTER THE HOUSE NUMBER >> 1

THE HOUSE YOU HAVE SELECTED



Enter your Emailid: yashwanthbalaji.2408@gmail.com
Contact Details of the owner is sent to your EmailId

Do you want to continue?:y

ENTER THE HOUSE NUMBER >>

CHOOSE WHERE YOU WANT TO GO >> 3

Packers
And
Movers



Quick Move PackersMovers

QuickMove,a Pre- eminent packers and Movers Service Provider in Chennai,India



QuickMove are well known for our Quality, Safe & Secure - Standard Packing Quality, Handling with Care & Safe & Secure Transportation.

Customer's utmost satisfaction is their primary goal,Quickmove is now growing with 10 years of industrial experience with Thousands of Happy Customer.

CONTACT DETAILS :

quickmoverelocationchn@gmail.com
+91 6382200479

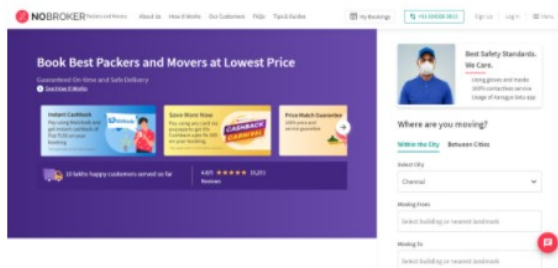
Sulekha -Packers & Movers

Sulekha is India's most efficient and affordable premier listing service.



Our verified Chennai Packers & Movers are expertize in packing your articles separately using air pocket wraps, bubble wraps, c

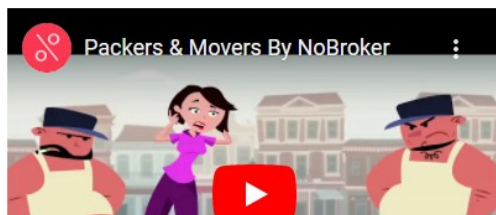
NoBroker is a disruptive real-estate platform that makes it possible to buy/sell/rent a house without paying any brokerage.



Get guaranteed lowest priced quote for your shifting instantly. Our partner will arrive as per schedule to pack & load your belonging

CONTACT DETAILS :

hello@nobroker.com
9241400000



Homepage

- 1 FOR RENT
- 2 FOR SALE
- 3 PACKERS AND MOVERS
- 4 CHATBOT
- 5 ARTICLES AND BLOGS
- 6 FEEDBACK
- 7 ABOUT US & CONTACT US
- 8 EXIT

CHOOSE WHERE YOU WANT TO GO >> 4

Chat Bot SAAVI

HERE ARE SOME FAQ's

hi/hey/hello

what is your name?

What is #TheBoringBroker?

What is the aim of the #theboringbroker?

How does the #TheBoringBroker works?

#TheBoringBroker in upcoming years

#TheBoringBroker vs other Real estate sites

Advertising with #TheBoringBroker

Benefits for the Clients

I have some more queries

quit

(WE RECOMMEND YOU TO COPY PASTE THE QUESTION)

>

(WE RECOMMEND YOU TO COPY PASTE THE QUESTION)

>What is #TheBoringBroker?

#theboringbroker is a Real Estate platform designed for all the people in the community.

>What is the aim of the #theboringbroker?

#TheBoringBroker aims to encourage a range of affordable, accessible and decent rental & buying options throughout the community.

>hi

Hey there

>#TheBoringBroker in upcoming years

Some of the features will be introduced:

#HOMEDESIGNING-INDULGE REALITY

#booking for PACKERS AND MOVERS

#DISTANCE CALCULATOR

>quit

,

Bye, take care. See you soon :)

Do you want to go to our home page?:

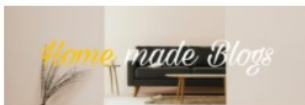
y

Homepage

- 1 FOR RENT
- 2 FOR SALE
- 3 PACKERS AND MOVERS
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- 6 FEEDBACK
- 7 ABOUT US & CONTACT US
- 8 EXIT

CHOOSE WHERE YOU WANT TO GO >> 5

Articles and Blogs



Residential Property Prices Rise In Top Eight Indian Cities: Report

Asian News International | Monday February 28, 2022, New Delhi

billion in the year 2022, a latest report from global property consultancy Knight Frank stated. It also said that cross-border real estate investment will reach record levels in 2022.



Global Prime Residential Index Grows 8.2% In Q2, Delhi Slips 5 Spots: Report

Edited by Nikita Prasad (With inputs from Agencies) | Thursday August 19, 2021

Delhi witnessed a marginal decline of 0.2 per cent year-on-year in prime residential prices, leading to the drop in global position to the 37th rank in the second quarter of 2021



Real Estate Firm Launches Private Fund Of ₹ 2,250 Crore To Expand In Logistics Sector

Edited by Nikita Prasad | Wednesday July 14, 2021

Real estate group CapitaLand launched its second logistics private fund worth ₹ 2,250 crore or ₹ 22.5 billion, in a bid to expand the country's logistics sector.

ENTER THE ARTICLE NO >> 1

Article opened in a separate tab...#EnjoyReading

Do you want to read more?

y

theboringbroker/Untitled1 - Jupyter NotebookResidential Property Prices Rise

https://www.ndtv.com/business/housing-prices-rise-by-3-7-per-cent-in-top-eight-cities-report-...

NDTV ProfitHOME NEWS LIVE TV CRYPTOCURRENCY by COINSWITCH BUDGET MARKETS MUTUAL FUND MONEY ECONOMY INDUSTRY OPINION

All-in-one Cyber Safety
• Online Privacy
LEARN MORE

Business > Market News > Residential Property Prices Rise In Top Eight Indian Cities: Report

Residential Property Prices Rise In Top Eight Indian Cities: Report

House prices across eight major cities in India, rose by 3 to 7 per cent, partially due to the increase in the costs of construction materials.

Market News | Asian News International | Updated: February 28, 2022 2:19 pm IST

TRENDING

Video: Russia Removes IIS, Japan
<https://www.ndtv.com/business/marketdata>

Advertisement

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India's Best Coach ~ FIITJEE
Admission Tests
20th March & 3rd April 2022

CHOOSE WHERE YOU WANT TO GO >> 6

Feedback

YOUR FEEDBACK HELPS US TO IMPROVE.

Enter today's date(YYYY-MM-DD)2022-03-03

I am a ...

Home Buyer
Home Seller
RealEstate Agent
RealEstate Broker
Landlord/Owner
Renter

Enter from above options: Home Buyer

Email >>yashwanthbalaji.2408@gmail.com

Name >> Yashwanth

What is your Feedback about?

Experience
Search
Selling a Property
Collaboration Features
News & Insights
Other

Enter from above options:Experience

And more specifically?

Property details
Application
Photos

What is your Feedback about?

Experience
Search
Selling a Property
Collaboration Features
News & Insights
Other

Enter from above options:Experience

And more specifically?

Property details
Application
Photos
Neighborhood
Other

Enter from above options:Other

Tell us what's on your mind. We'll do our best to address it. <max 50 characters>

>>Great interface... No bugs or Lags ...much recommended

THANK YOU SO MUCH FOR YOUR AMAZING FEEDBACK!

THANKS AGAIN FOR CHOOSING #THEBORINGBROKER, AND WE CAN'T WAIT TO SEE YOU AGAIN!

```
mysql> select * from feedback;
```

Date	I_am_a	Email	Name	Feedback_about	More_specifically	Feedback
2022-03-03	Home Buyer	yashwanthbalaji.2408@gmail.com	Yashwanth	Experience	Other	Great interface... No bugs or Lags ...much recommended

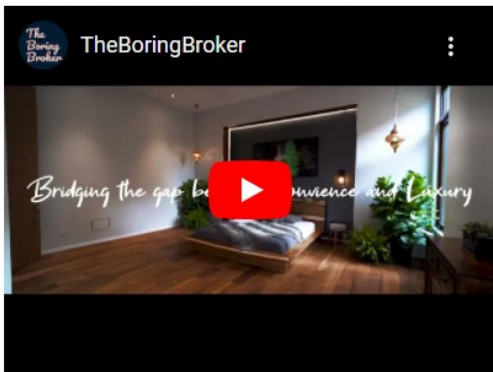
1 row in set (0.00 sec)

CHOOSE WHERE YOU WANT TO GO >> 7

About US



TheBoringBroker® is reimagining real estate to make it easier to unlock life's next chapter. ThBoringBroker® offers a comprehensive list of for-sale properties, as well as the information and tools to make informed real estate decisions. Today, more than ever, TheBoringBroker is The Home of Home Search. We are here to provide an easier platform without any brokerage fee and to help in reducing the priceless time of the users. We are continuously working to improve the accessibility of our web experience for everyone, and we welcome feedback and accommodation requests. If you wish to report an issue or seek an accommodation, please let us know in the Feedback window.



Contact US

Do you want to go to our home page?:

Email us >>

theboringbroker@gmail.com

Phone >>

+91 91763 96794

+91 95669 84689

Thank
you for
Visiting

Conclusion

In conclusion ,”Online Housing Applicaton” is established with a vision of transforming the landscape of the Indian real estate industry and a mandate to pursue the cause of Housing and Habitat .

Also to assist in the development of adequate housing to meet the needs of low and moderate-income households.