#Contains Code and Documentation for Matrix-Level 2 -2022.

#We have created a stripped-down version of IMDb website containing details of 30 movies from Shah Rukh Khan's filmography.

#It allows the user to view his selected filmography and rate his movies.

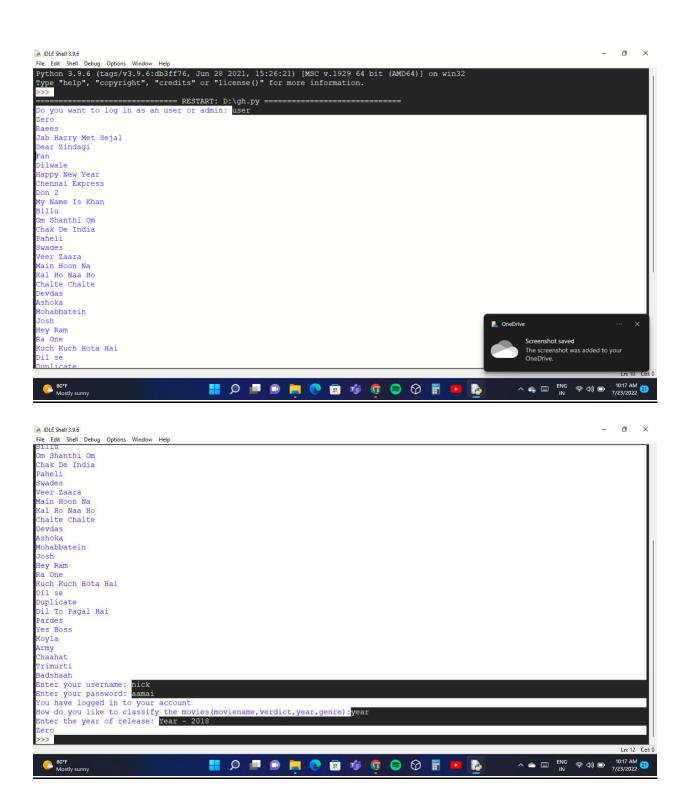#It allows the admin to change the information about his filmography and display them.

Code:

```
d={"Zero":['Cast - Shah Rukh Khan,Anushka Sharma,Katrina Kaif','Movie Director -  Aanand L. Rai','Box Office - 90.28 cr','Year - 2018','Genre-Comedy','Verdict-Flop','IMDb Rating-5.2'],
"Raees":['Cast - Shah Rukh Khan,Sunny Leone,Raj Arjun','Movie Director - Rahul Dholakia','Box Office - 137.51 cr','Year - 2017','Genre-Action','Verdict-Super Hit','IMDb Rating-6.6'], "Jab Harry Met Sejal":['Cast - Shah Rukh Khan,Anushka Sharma,Rana Ranbir','Movie Director - Imtiaz Ali','Box Office - 64.33','Year - 2017','Genre-Comedy','Verdict-Flop','IMDb Rating-5' ],"Dear Zindagi":['Cast - Shah Rukh Khan,Alia Bhatt,Ali Zafar','Movie Director - Gauri Shinde','Box Office - 136 Cr','Year - 2016','Genre-Drama','Verdict-Hit','IMDb Rating-7.4'],
'Fan':['Cast - Shah Rukh Khan,Shriya Pilgaonkar,Deepika amin','Movie Director - Maneesh Sharma','Box Office - 188 Cr','Year - 2016','Genre-Action','Verdict-Flop','IMDb Rating-6.9'],
"Dilwale":['Cast - Shah Rukh Khan,Kajol,Varun Dhawan','Movie Director - Rohit Shetty','Box Office - 140 Cr','Year - 2015','Genre-Action','Verdict-Semi hit','IMDb Rating-5'], "Happy New Year":['Cast - Shah Rukh Khan,Deepika Padukone,Abhishek Bachchan','Movie Director - Farah Khan','Box Office - 148 Cr','Year - 2014','Genre-Action','Verdict-Super Hit','IMDb Rating-4.9'],
"Chennai Express ":['Cast - Shah Rukh Khan,Deepika Padukone,Sathyaraj','Movie Director - Rohit Shetty','Box Office - 423 Cr','Year - 2013','Genre-Action','Verdict-Block Buster','IMDb Rating-6'], "Don 2":['Cast - Shah Rukh Khan,Priyanka Chopra,Florian Lukas','Movie Director - Farhan Akhtar ','Box Office - 203 Cr','Year - 2011','Genre-Action','Verdict-Hit','IMDb Rating-7'],
"My Name Is Khan":['Cast - Shah Rukh Khan,Kajol,Sheetal Menon','Movie Director - Karan Johar ','Box Office - 223  Cr','Year - 2010','Genre-Thriller ','Verdict- Semi Hit','IMDb Rating-7.9'], "Billu":['Cast - Shah Rukh Khan,Irrfan Khan,Lara Dutta','Movie Director - Priyadharshan ','Box Office - 47 Cr','Year - 2009','Genre-Drama ','Verdict-Flop','IMDb Rating-6.3'], "Om Shanthi Om":['Cast - Shah Rukh Khan,Deepika Padukone,Arjun Rampal','Movie Director - Farah Khan ','Box Office - 149 Cr','Year - 2007','Genre-Comedy ','Verdict-Super Hit','IMDb Rating-6.7'], "Chak De India":['Cast - Shah Rukh Khan','Movie Director - Shimit Amin ','Box Office - 109 Cr','Year - 2007','Genre-Sport ','Verdict-Super Hit','IMDb Rating-8.1'], "Paheli":['Cast - Shah Rukh Khan,Rani Mukerji','Movie Director - Amol Palekar ','Box Office -  32 Cr','Year - 2005','Genre-Drama','Verdict-Flop','IMDb Rating-6.3'], "Swades":['Cast - Shah Rukh Khan,Gayatri Joshi','Movie Director - Ashutosh Gowariker ','Box Office - 36  Cr','Year - 2004','Genre-Drama','Verdict-Flop','IMDb Rating-8.1'], "Veer Zaara":['Cast - Shah Rukh Khan,Preity Zinta','Movie Director - Yash Chopra ','Box Office - 98 Cr','Year - 2004','Genre-Drama','Verdict-Super Hit','IMDb Rating-7.8'], "Main Hoon Na":['Cast - Shah Rukh Khan,Susmitha Sen','Movie Director - Farah Khan ','Box Office - 90 Cr','Year - 2004','Genre-Action','Verdict-Hit','IMDb Rating-7'], "Kal Ho Naa Ho ":['Cast - Shah Rukh Khan,Preity Zinta','Movie Director - Nikkhil Advani ','Box Office - 86 Cr','Year - 2003','Genre-Comedy','Verdict-Hit','IMDb Rating-7.9'], "Chalte Chalte":['Cast - Shah Rukh Khan,Rani Mukerji','Movie Director - Aziz Mirza ','Box Office - 44 Cr','Year - 2003','Genre-Drama','Verdict-
```
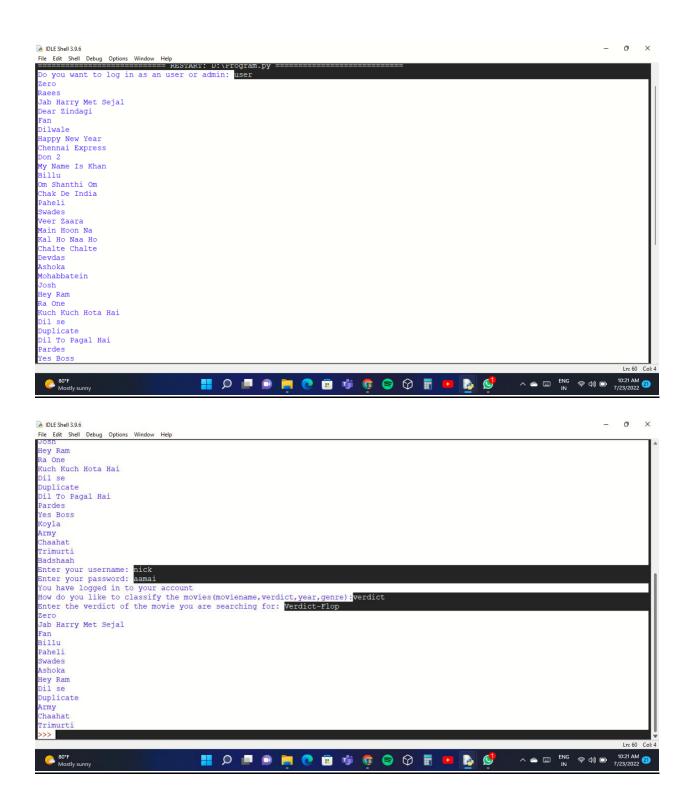
Hit','IMDb Rating-6.5'], "Devdas":['Cast - Shah Rukh Khan,Aishwarya Rai Bachcan','Movie Director - Snjay Leela Bhansali ','Box Office - 168 Cr','Year - 2002','Genre-Drama','Verdict-Hit','IMDb Rating-7.5'], "Ashoka":['Cast - Shah Rukh Khan,Kareena Kapoor','Movie Director - Santosh Shivan ','Box Office - 11 Cr','Year - 2001','Genre-Action','Verdict-Flop','IMDb Rating-6.4'], "Mohabbatein":['Cast - Shah Rukh Khan,Amitabh Bachchan','Movie Director - Aditya Chopra','Box Office - 90 Cr','Year - 2000','Genre-Musical','Verdict-Block Buster','IMDb Rating-7'], "Josh":['Cast - Shah Rukh Khan,Aishwarya Rai Bachcan','Movie Director - Mansoor Khan ','Box Office - 35 Cr','Year - 2000','Genre-Action','Verdict-Average' ,'IMDb Rating-6.1'], "Hey Ram":['Cast - Shah Rukh Khan,Kamal Hasan','Movie Director - Kamal Hasan','Box Office - 11 Cr','Year - 2000','Genre-Crime','Verdict-Flop','IMDb Rating-7.9'], "Ra One":['Cast - Shah Rukh Khan,Kareena Kapoor','Movie Director - Anubhav Sinha','Box Office - 207 Cr','Year - 2011','Genre-Hit','Verdict-Hit','IMDb Rating-4.6'], "Kuch Kuch Hota Hai":['Cast - Shah Rukh Khan,Kajol','Movie Director - Karan Johar','Box Office - 100 Cr','Year - 1998','Genre-Comedy','Verdict-Block Buster','IMDb Rating-7.6'], "Dil se":['Cast - Shah Rukh Khan,Mainsha Koirala','Movie Director -Mani Ratanam ','Box Office - 29 Cr','Year - 1998','Genre-Drama','Verdict-Flop','IMDb Rating-7.5'], "Duplicate":['Cast - Shah Rukh Khan,Juhi Chawla','Movie Director - Mahesh Bhatt ','Box Office - 22 Cr','Year - 1998','Genre-Action','Verdict-Flop','IMDb Rating-5.5'], "Dil To Pagal Hai":['Cast - Shah Rukh Khan,Madhuri Dixit','Movie Director - Yash Chopra ','Box Office - 50 Cr','Year - 1997','Genre-Comedy','Verdict-Super Hit','IMDb Rating-7'], "Pardes":['Cast - Shah Rukh Khan,Mahima Chaudhry','Movie Director - Subhash Ghai','Box Office - 40 Cr','Year - 1997','Genre-Drama','Verdict-Hit','IMDb Rating-6.9'], "Yes Boss":['Cast - Shah Rukh Khan,Juhi Chawla','Movie Director - Aziz Mirza ','Box Office - 22 Cr','Year - 1997','Genre-Comedy','Verdict-Hit','IMDb Rating-6.7'], "Koyla":['Cast - Shah Rukh Khan,Madhuri Dixit','Movie Director - Rakesh Roshan ','Box Office - 28 Cr','Year - 1997','Genre-Action','Verdict-Average','IMDb Rating-6.2'], "Army":['Cast - Shah Rukh Khan,Sri Devi','Movie Director -Ram Shetty ','Box Office - 11 Cr','Year - 1996','Genre-Action','Verdict-Flop','IMDb Rating-4.3'], "Chaahat":['Cast - Shah Rukh Khan,Ramya Krishnan','Movie Director - Mahesh Bhatt ','Box Office - 12 Cr','Year - 1996','Genre-Drama','Verdict-Flop','IMDb Rating-5.5'], "Trimurti":['Cast - Shah Rukh Khan,Anil Kapoor','Movie Director - Mukul Anand ','Box Office - 14 Cr','Year - 1995','Genre-Action','Verdict-Flop','IMDb Rating-4.8'], "Badshaah":['Cast - Shah Rukh Khan,Twinkle Khanna','Movie Director - Abbas Alibhai ','Box Office - 31 Cr','Year - 1999','Genre-Action','Verdict-Average','IMDb Rating-6.8']}

```python
def user():
    u1,u2,u3="nick","kong","lk"
    p1,p2,p3="aamai","anil","thavala"
    u=input("Enter your username: ")
    p=input("Enter your password: ")
    if (u==u1 and p==p1) or (u==u2 and p==p2) or (u==u3 and p==p3):
        print("You have logged in to your account")
        s=input("How do you like to classify the movies(moviename,verdict,year,genre):")
        if s=='moviename':
            mv=input("Enter the name of the movie :")
            for i in d.keys():
```

```python
            if mv==i:
                print(d[i])
        r=input("Do you want to rate the movie(y or n)?:")
        if r=='y':
            rate=int(input("Rate on the scale (0,10):"))
            x=d[mv]
            print("Average rating:",x[6])
            print("Your rating:",rate)
    elif s=='verdict':
        v=input("Enter the verdict of the movie you are searching for: ")
        for i in d.keys():
            if d[i][5]==v:
                print(i)
    elif s=='genre':
        g=input("Enter the genre of the movie you are searching for: ")
        for i in d.keys():
            if d[i][4]==g:
                print(i)
    elif s=='year':
        y=input("Enter the year of release: ")
        for i in d.keys():
            if d[i][3]==y:
                print(i)
    return()
def admin():
    A1,A2,A3="n_ick","k_ong","l_k"
    p11,p22,p33="a_amai","a_nil","t_havala"
    u=input("Enter your username: ")
    p=input("Enter your password: ")
    if (u==A1 and p==p11) or (u==A2 and p==p22) or (u==A3 and p==p33):
        print("You have logged in to your account")
        n=input("Enter the name of the movie, you wish to make changes:")
        c=input("What changes do you want to
make(cast/director/boxoffice/year/genre/verdict/rating):")
        for i in d.keys():
            if i==n:
                print("Before changes:",d[n])
                if c=='cast' or c=='Cast':
                    x=input("Enter the change to be made: ")
                    d[i][0]=x
                    print("After changes:",d[n])
                elif c=='director' or c=='Director':
                    x=input("Enter the changeto be made: ")
                    d[i][1]=x
```

```python
                    print("After changes:",d[n])
                elif c=='boxoffice' or c=='Boxoffice':
                    x=input("Enter the change: ")
                    d[i][2]=x
                    print("After changes:",d[n])
                elif c=='year' or c=='Year':
                    x=input("Enter the change to be made: ")
                    d[i][3]=x
                    print("After changes:",d[n])
                elif c=='genre' or c== 'Genre':
                    x=input("Enter the change to be made: ")
                    d[i][4]=x
                    print("After changes:",d[n])
                elif c=='verdict' or c=='Verdict':
                    x=input("Enter the change to be made:")
                    d[i][5]=x
                    print("After changes:",d[n])
                elif c=='rating' or c=='Rating':
                    x=input("Enter the change to be made:")
                    d[i][6]=x
                    print("After changes:",d[n])
    v=input("Do you want to view as a user(y or n):")
    if v=='y':
        user()
    return()
x=input("Do you want to log in as an user or admin: ")
for i in d.keys():
    print(i)
if x=="user" or x=="USER":

    user()
elif x=="admin" or x=="ADMIN":
    admin()
```

output:

```
IDLE Shell 3.9.6

File   Edit   Shell   Debug   Options   Window   Help

Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============================== RESTART: D:\gh.py ===============================
Do you want to log in as an user or admin: user
Zero
Raees
Jab Harry Met Sejal
Dear Zindagi
Fan
Dilwale
Happy New Year
Chennai Express
Don 2
My Name Is Khan
Billu
Om Shanthi Om
Chak De India
Paheli
Swades
Veer Zaara
Main Hoon Na
Kal Ho Naa Ho
Chalte Chalte
Devdas
Ashoka
Mohabbatein
Josh
Hey Ram
Ra One
Kuch Kuch Hota Hai
Dil se
Duplicate
```

```
IDLE Shell 3.9.6

File   Edit   Shell   Debug   Options   Window   Help

Billu
Om Shanthi Om
Chak De India
Paheli
Swades
Veer Zaara
Main Hoon Na
Kal Ho Naa Ho
Chalte Chalte
Devdas
Ashoka
Mohabbatein
Josh
Hey Ram
Ra One
Kuch Kuch Hota Hai
Dil se
Duplicate
Dil To Pagal Hai
Pardes
Yes Boss
Koyla
Army
Chaahat
Trimurti
Badshaah
Enter your username: nick
Enter your password: aamai
You have logged in to your account
How do you like to classify the movies(moviename,verdict,year,genre):year
Enter the year of release: Year - 2018
Zero
>>>
```

```
============================= RESTART: D:\Program.py =============================
Do you want to log in as an user or admin: user
Zero
Raees
Jab Harry Met Sejal
Dear Zindagi
Fan
Dilwale
Happy New Year
Chennai Express
Don 2
My Name Is Khan
Billu
Om Shanthi Om
Chak De India
Paheli
Swades
Veer Zaara
Main Hoon Na
Kal Ho Naa Ho
Chalte Chalte
Devdas
Ashoka
Mohabbatein
Josh
Hey Ram
Ra One
Kuch Kuch Hota Hai
Dil se
Duplicate
Dil To Pagal Hai
Pardes
Yes Boss
```

```
Josh
Hey Ram
Ra One
Kuch Kuch Hota Hai
Dil se
Duplicate
Dil To Pagal Hai
Pardes
Yes Boss
Koyla
Army
Chaahat
Trimurti
Badshaah
Enter your username: nick
Enter your password: aamai
You have logged in to your account
How do you like to classify the movies(moviename,verdict,year,genre):verdict
Enter the verdict of the movie you are searching for: Verdict-Flop
Zero
Jab Harry Met Sejal
Fan
Billu
Paheli
Swades
Ashoka
Hey Ram
Dil se
Duplicate
Army
Chaahat
Trimurti
>>>
```

```
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============================ RESTART: D:\Program.py ============================
Do you want to log in as an user or admin: ADMIN
Zero
Raees
Jab Harry Met Sejal
Dear Zindagi
Fan
Dilwale
Happy New Year
Chennai Express
Don 2
My Name Is Khan
Billu
Om Shanthi Om
Chak De India
Paheli
Swades
Veer Zaara
Main Hoon Na
Kal Ho Naa Ho
Chalte Chalte
Devdas
Ashoka
Mohabbatein
Josh
Hey Ram
Ra One
Kuch Kuch Hota Hai
Dil se
Duplicate
```

```
Josh
Hey Ram
Ra One
Kuch Kuch Hota Hai
Dil se
Duplicate
Dil To Pagal Hai
Pardes
Yes Boss
Koyla
Army
Chaahat
Trimurti
Badshaah
Enter your username: n_ick
Enter your password: a_amai
You have logged in to your account
Enter the name of the movie, you wish to make changes: Zero
What changes do you want to make(cast/director/boxoffice/year/genre/verdict/rating): rating
Before changes: ['Cast - Shah Rukh Khan,Anushka Sharma,Katrina Kaif', 'Movie Director -  Aanand L. Rai', 'Box Office - 90.28 cr', 'Ye
ar - 2018', 'Genre-Comedy', 'Verdict-Flop', 'IMDb Rating-5.2']
Enter the change to be made: 8.9
After changes: ['Cast - Shah Rukh Khan,Anushka Sharma,Katrina Kaif', 'Movie Director -  Aanand L. Rai', 'Box Office - 90.28 cr', 'Yea
r - 2018', 'Genre-Comedy', 'Verdict-Flop', '8.9']
Do you want to view as a user(y or n): y
Enter your username: nick
Enter your password: aamai
You have logged in to your account
How do you like to classify the movies(moviename,verdict,year,genre): year
Enter the year of release: Year - 2016
Dear Zindagi
Fan
>>>
```