Recommend\_genre (book\_data,User\_name,Members)

Input:

* Dictionary for every book in the library
* User name
* Data/books read of every member of the library.

If name in Members:

Userbooksmember[username]

rec= []

For all x in Userbooks keys and for all y in Userbooks values:

If y=True:

Genre\_list bookdata[x][0]

Authorbookdata[x][1]

Pricebookdata[x][2]

For all genre in Genre\_list:

For every i in bookdata keys and for every j in bookdata values:

If genre in j[0] and I not in rec and ix:

Append i and j[2] (price) in rec

rec2= []

for every tuple in rec:

if x not in rec2:

append x in rec2--------------🡪 helps in omitting the repetition of books

for every book in rec2:

output--------🡪 book[0] (name) and book[1] (price)