```
from urllib.request import urlopen, Request
from bs4 import BeautifulSoup
import json
from prettytable import PrettyTable
from datetime import datetime
from pytz import timezone
#bms='https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/movie-hyd-ET00131
bms=input("Link:")
req=Request(bms,headers={'User-Agent': 'Mozilla/5.0'})
webpage=urlopen(req).read()
soup=BeautifulSoup(webpage,'html.parser')
#print(soup)
soup2=soup.find_all('script', type='text/javascript', src=None)

#parse the aVN_details
soup_text = ""
for ele in soup2:
    soup_text = str(ele)
    if 'aVN_details' in soup_text:
        break
start_index = soup_text.find("aVN_details")
end_index = soup_text.find("nowDate")
json_string = soup_text[start_index+18:end_index-7]
json_string = '{"data":' + json_string + '}'

#print(json_string)

#string to dict
json_dict = json.loads(json_string)

#print("\n\n" + ConsoleColor.BOLD  + ConsoleColor.BLUE + "<==========================BookMy


FinalGross = 0
FinalMaxGross = 0
FinalShowCount = 0
FinalTicketsPossible = 0
FinalTicketsBooked = 0
TheatreBookPercent=0
FinalPercentage= 0
t3 = PrettyTable(['TheaterName','ShowCount', 'TotalTicketsBooked', 'TotalMaxTickets', 'Tot


for i in range(len(json_dict['data'])):
    data = json_dict['data'][i]
    print(data['SubRegName'], data['VenueName'])
    TheaterGross = 0
    TheaterMaxGross = 0
    TotalMaxTicketsAvailable = 0
    TotalTicketsBooked = 0
    TheaterShowCount = 0
```

```
    PercentageBook=0
    t2 = PrettyTable(['ShowTime', 'TotalMaxseats', 'ToalSeatsBooked', 'TotalShowGross', 'T
    for j in data['ShowTimes']:
        totalMaxSeats = 0
        totalBookedSeats = 0
        totalShowGross = 0
        totalShowMaxGross = 0
        percentageBook = 0
        TheaterShowCount = TheaterShowCount + 1
        n=0

        t = PrettyTable(['ShowTime', 'Maxseats', 'SeatsBooked', 'CurPrice', 'SubGross', 'S
        for k in j['Categories']:
            MaxSeats = int(k['MaxSeats'])
            SeatsAvail = int(k['SeatsAvail'])
            CurPrice = float(k['CurPrice'])
            SeatsBooked = MaxSeats - SeatsAvail
            SubGross = SeatsBooked * CurPrice
            SubMaxGross = MaxSeats * CurPrice
            t.add_row([j['ShowTime'], MaxSeats, SeatsBooked, CurPrice, SubGross, SubMaxGro
            totalShowGross = totalShowGross + SubGross
            totalShowMaxGross = totalShowMaxGross + SubMaxGross
            totalMaxSeats = totalMaxSeats + MaxSeats
            totalBookedSeats = totalBookedSeats + SeatsBooked
            if totalMaxSeats!=0:
              percentageBook = "{:.2f}".format(100* (totalBookedSeats/totalMaxSeats))




        if 'AM' or 'PM' in j['ShowTime']:
            t2.add_row([j['ShowTime'], totalMaxSeats, totalBookedSeats, totalShowGross, to
            TheaterGross = TheaterGross + totalShowGross
            TotalTicketsBooked = TotalTicketsBooked + totalBookedSeats
            TotalMaxTicketsAvailable = TotalMaxTicketsAvailable+ totalMaxSeats
            TheaterMaxGross = TheaterMaxGross + totalShowMaxGross
        #PercentageBook= 100*(TotalTicketsBooked/TotalMaxTicketsAvailable)

    print(t2)

    #print(t2)
    t3.add_row([data['VenueName'], TheaterShowCount, TotalTicketsBooked, TotalMaxTicketsAv
    FinalGross = FinalGross + TheaterGross
    FinalMaxGross = FinalMaxGross + TheaterMaxGross
    FinalShowCount = FinalShowCount + TheaterShowCount
    FinalTicketsPossible = FinalTicketsPossible + TotalMaxTicketsAvailable
    FinalTicketsBooked = FinalTicketsBooked + TotalTicketsBooked


#Theater gross list
print(t3)

#Final Gross
t4 = PrettyTable(["Totatheaters", 'TotalShowCount', "TotalTicketsBooked", "TotalMaxTickets
t4.add_row([len(json_dict['data']), FinalShowCount, FinalTicketsBooked, FinalTicketsPossib
```

```
#print(len(json_dict['data']))
print(t4)

ind_time = datetime.now(timezone("Asia/Kolkata")).strftime('%Y-%m-%d %H:%M:%S')
print("Data compiled at:", ind_time)
```

```
Link:https://in.bookmyshow.com/buytickets/vikram-hitlist-tirupati/movie-tiru-ET00329
Tirupati NVR Velrams A/c 4K Dolby Surround: Tirupati
+----------+---------------+-----------------+----------------+-------------------+--
| ShowTime | TotalMaxseats | ToalSeatsBooked | TotalShowGross | TotalShowMaxGross | F
+----------+---------------+-----------------+----------------+-------------------+--
| 11:30 AM |      361      |        96       |    13290.0     |      48565.0      |
| 03:10 PM |      361      |       126       |    17595.0     |      48565.0      |
| 06:50 PM |      361      |        34       |     4795.0     |      48565.0      |
| 10:30 PM |      361      |        5        |     725.0      |      48565.0      |
+----------+---------------+-----------------+----------------+-------------------+--
Tirupati Srinivas Teja A/C DTS: Tirupati
+----------+---------------+-----------------+----------------+-------------------+--
| ShowTime | TotalMaxseats | ToalSeatsBooked | TotalShowGross | TotalShowMaxGross | F
+----------+---------------+-----------------+----------------+-------------------+--
| 11:30 AM |      285      |        49       |     5935.0     |      37815.0      |
| 02:40 PM |      285      |        48       |     5790.0     |      37815.0      |
| 06:30 PM |      285      |        47       |     5645.0     |      37815.0      |
| 09:40 PM |      285      |        45       |     5355.0     |      37815.0      |
+----------+---------------+-----------------+----------------+-------------------+--
Tirupati SV Cinemas A/C 4K Dolby Atmos: Chandragiri
+----------+---------------+-----------------+----------------+-------------------+--
| ShowTime | TotalMaxseats | ToalSeatsBooked | TotalShowGross | TotalShowMaxGross | F
+----------+---------------+-----------------+----------------+-------------------+--
| 11:30 AM |      308      |        29       |     2900.0     |      29400.0      |
| 02:45 PM |      325      |        32       |     3200.0     |      31100.0      |
| 09:45 PM |      308      |        2        |     200.0      |      29400.0      |
+----------+---------------+-----------------+----------------+-------------------+--
+-----------------------------------------+-----------+--------------------+-----
|                TheaterName              | ShowCount | TotalTicketsBooked | Tota
+-----------------------------------------+-----------+--------------------+-----
| NVR Velrams A/c 4K Dolby Surround: Tirupati |     4     |        261         |
|       Srinivas Teja A/C DTS: Tirupati       |     4     |        189         |
|  SV Cinemas A/C 4K Dolby Atmos: Chandragiri |     3     |         63         |
+-----------------------------------------+-----------+--------------------+-----
+--------------+----------------+--------------------+-----------------+------------+
| Totatheaters | TotalShowCount | TotalTicketsBooked | TotalMaxTickets | TotalGross |
+--------------+----------------+--------------------+-----------------+------------+
|      3       |       11       |        513         |       3525      |  65430.0   |
+--------------+----------------+--------------------+-----------------+------------+
Data compiled at: 2022-06-19 09:42:09
```

```
from urllib.request import urlopen, Request
from bs4 import BeautifulSoup
import json
from prettytable import PrettyTable
from datetime import datetime
from pytz import timezone

reset = "\033[0m"
```

```
class colors:
    black = "\033[30m"
    red = "\033[31m"
    green = "\033[32m"
    yellow = "\033[33m"
    blue = "\033[34m"
    magenta = "\033[35m"
    cyan = "\033[36m"
    white = "\033[37m"

locations = {
    "Hyderabad":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-hyderabad/mov
    "KarimNagar":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-hyderabad/mo
    #"Nalgonda":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-nalgonda/movi
    "Warangal":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-warangal/movie
    "Siddipet":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-siddipet/movie
    "Khammam":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-khammam/movie-k
    "Nizamabad":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-nizamabad/mov
    "Vikarabad":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-vikarabad/mov
    "Jagtial":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-jagtial/movie-j
    "Mahabubabad":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-mahabubabad
    "Sircilla":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-sircilla/movie
    "Adilabad":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-adilabad/movie
    "Chennai":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-chennai/movie-c
    "Vizag":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-vizag-visakhapatn
    "Bangalore" : "https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-bengaluru/m
    "ongole":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-ongole/movie-ong
    "Vijayawada":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-vijayawada/m
    "nellore":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-nellore/movie-n
    "guntur":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-guntur/movie-gun
    "Rajahmundry":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-rajamahendr
    "Tirupati":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-tirupati/movie
    "Kakinada":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-kakinada/movie
    "Mumbai":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-mumbai/movie-mum
    "Vellore":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-vellore/movie-v
    "Tenali":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-tenali/movie-ten
    "Eluru":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-eluru/movie-elru-
    #"Kurnool":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-kurnool/movie-
    "Anantapur":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-anantapur/mov
    "Delhi":"https://in.bookmyshow.com/buytickets/f3-fun-and-frustration-national-capital-
}
allLocations = PrettyTable(["Location","Max Gross","Max Tickets", "Tickets Sold","Gross","
TOTALGROSS=0
for location in locations:
  #print("\n\n\n",colors.red,"------------------------",location,"----------------------

# bms='https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/movie-hyd-ET0013

  req=Request(locations[location],headers={'User-Agent': 'Mozilla/5.0'})
  webpage=urlopen(req).read()
  soup=BeautifulSoup(webpage,'html.parser')
  #print(soup)
  soup2=soup.find_all('script', type='text/javascript', src=None)
```

```
#parse the aVN_details
soup_text = ""
for ele in soup2:
    soup_text = str(ele)
    if 'aVN_details' in soup_text:
        break
start_index = soup_text.find("aVN_details")
end_index = soup_text.find("nowDate")
json_string = soup_text[start_index+18:end_index-7]
json_string = '{"data":' + json_string + '}'

#print(json_string)

#string to dict
json_dict = json.loads(json_string)

#print("\n\n" + ConsoleColor.BOLD  + ConsoleColor.BLUE + "<=========================Book


FinalGross = 0
FinalMaxGross = 0
FinalShowCount = 0
FinalTicketsPossible = 0
FinalTicketsBooked = 0
TheatreBookPercent=0
TotalFullGross=0
FinalPercentage= 0
t3 = PrettyTable(['TheaterName','ShowCount', 'TotalTicketsBooked', 'TotalMaxTickets', 'T


for i in range(len(json_dict['data'])):
    data = json_dict['data'][i]
    #print(data['SubRegName'], data['VenueName'])
    TheaterGross = 0
    TheaterMaxGross = 0
    TotalFullGross=0
    TotalMaxTicketsAvailable = 0
    TotalTicketsBooked = 0
    TheaterShowCount = 0
    PercentageBook=0
    t2 = PrettyTable(['ShowTime', 'TotalMaxseats', 'ToalSeatsBooked', 'TotalShowGross',
    for j in data['ShowTimes']:
        totalMaxSeats = 0
        totalBookedSeats = 0
        totalShowGross = 0
        totalShowMaxGross = 0
        percentageBook = 0
        TheaterShowCount = TheaterShowCount + 1

        t = PrettyTable(['ShowTime', 'Maxseats', 'SeatsBooked', 'CurPrice', 'SubGross',
                        for k in j['Categories']:
                        MaxSeats = int(k['MaxSeats'])
            SeatsAvail = int(k['SeatsAvail'])
            CurPrice = float(k['CurPrice'])
            SeatsBooked = MaxSeats - SeatsAvail
```

```
                SubGross = SeatsBooked * CurPrice
                SubMaxGross = MaxSeats * CurPrice
                t.add_row([j['ShowTime'], MaxSeats, SeatsBooked, CurPrice, SubGross, SubMaxG
                totalShowGross = totalShowGross + SubGross

                totalShowMaxGross = totalShowMaxGross + SubMaxGross
                totalMaxSeats = totalMaxSeats + MaxSeats
                totalBookedSeats = totalBookedSeats + SeatsBooked
                if totalMaxSeats!=0:
                  percentageBook = "{:.2f}".format(100* (totalBookedSeats/totalMaxSeats))


            if 'AM' or 'PM' in j['ShowTime']:
                t2.add_row([j['ShowTime'], totalMaxSeats, totalBookedSeats, totalShowGross,
                TheaterGross = TheaterGross + totalShowGross
                TotalTicketsBooked = TotalTicketsBooked + totalBookedSeats
                TotalMaxTicketsAvailable = TotalMaxTicketsAvailable+ totalMaxSeats
                TheaterMaxGross = TheaterMaxGross + totalShowMaxGross
            #PercentageBook= 100*(TotalTicketsBooked/TotalMaxTicketsAvailable)

        #print(t2)

        #print(t2)
        t3.add_row([data['VenueName'], TheaterShowCount, TotalTicketsBooked, TotalMaxTickets
        FinalGross = FinalGross + TheaterGross
        FinalMaxGross = FinalMaxGross + TheaterMaxGross
        FinalShowCount = FinalShowCount + TheaterShowCount
        FinalTicketsPossible = FinalTicketsPossible + TotalMaxTicketsAvailable
        FinalTicketsBooked = FinalTicketsBooked + TotalTicketsBooked


    #Theater gross list
    #print(t3)

# allLocations = PrettyTable(["Location","Max Gross","Max Tickets", "Tickets Sold","Gross"

    #Final Gross
    t4 = PrettyTable(["Totatheaters", 'TotalShowCount', "TotalTicketsBooked", "TotalMaxTicke
    if(FinalTicketsPossible!=0):
      t4.add_row([len(json_dict['data']), FinalShowCount, FinalTicketsBooked, FinalTicketsPo
      allLocations.add_row([location,FinalMaxGross,FinalTicketsPossible,FinalTicketsBooked,F

      #print(FinalShowCount)
      print(FinalGross)
    TOTALGROSS=TOTALGROSS+FinalGross
      #print(FinalTicketsBooked)

    #print(t4)




print("All Locations Info")
print(colors.green,allLocations,reset,sep="\n")
```

```
ind_time = datetime.now(timezone("Asia/Kolkata")).strftime('%Y-%m-%d %H:%M:%S')
print("Data compiled at:", ind_time)
print(TOTALGROSS)
```

```
  File "<ipython-input-9-13416b744c15>", line 114
    for k in j['Categories']:
                            ^
SyntaxError: invalid syntax
```

SEARCH STACK OVERFLOW

paytm

```
from urllib.request import urlopen, Request
from bs4 import BeautifulSoup
import json
from prettytable import PrettyTable
import datetime

paytm=input()
#paytm='https://paytm.com/movies/hyderabad/sarkaru-vaari-paata-movie-ticket-booking-glxgb6
req=Request(paytm,headers={'User-Agent': 'Mozilla/5.0'})
webpage=urlopen(req).read()
soup=BeautifulSoup(webpage,'html.parser')
soup2=soup.find_all('script', src=None)
soup_text = ""
for ele in soup2:
    soup_text = str(ele)
    if '"sessions"' in soup_text:
        break

start_index = soup_text.find('"sessions"')
end_index = soup_text.find('"moviesMap"')

TSI = soup_text.find('"cinemas"')
TEI = soup_text.find('"filterData"')

json_string = "{" + soup_text[start_index:end_index-1]
theaterJson = "{" + soup_text[TSI:TEI-1] + "}"

theaterJson = json.loads(theaterJson)
theaters = {}
for i in  theaterJson["cinemas"]:
  theaters[i["id"]] = i["name"]

json_dict = json.loads(json_string)
json_dict = json_dict['sessions']

FinalGross = 0
FinalMaxGross = 0
```

```
TotalShowsCount = 0
TicketsBooked = 0
TicketsAvailable = 0
TotalTickets = 0
FinalPercentage=0

MovieInfo = PrettyTable(['Total Shows', 'Total Max Gross','Total Max Tickets','Total Ticke

TheaterInfo = PrettyTable(['Theater Name','Theater Shows Count', 'Theater Total Tickets',
for key1 in json_dict: # for each theatre
  TheaterGross = 0
  TheaterMaxGross = 0
  TheaterTotalTickets = 0
  TotalTicketsAvailable = 0
  TheaterShowCount = 0
  PercentageBook=0

  TheaterShowCount = len(json_dict[key1])
  theaterName = ""
  for i in range(len(json_dict[key1])):  #For each show
    theaterName = json_dict[key1][i]["cid"]
    for j in range(len(json_dict[key1][i]["areas"])): # For different prices in each show
      TheaterTotalTickets += json_dict[key1][i]["areas"][j]["sTotal"]
      TotalTicketsAvailable += json_dict[key1][i]["areas"][j]["sAvail"]
      TheaterMaxGross += json_dict[key1][i]["areas"][j]["sTotal"] * json_dict[key1][i]["ar
      TheaterGross += (json_dict[key1][i]["areas"][j]["sTotal"] - json_dict[key1][i]["area

  TotalTicketsBooked = TheaterTotalTickets - TotalTicketsAvailable
  theaterName = theaters[theaterName]
  TheaterInfo.add_row([ theaterName ,TheaterShowCount,TheaterTotalTickets,TheaterMaxGross,
  FinalGross += TheaterGross
  FinalMaxGross += TheaterMaxGross
  TotalShowsCount += TheaterShowCount
  TicketsBooked += TotalTicketsBooked
  TicketsAvailable += TotalTicketsAvailable
  TotalTickets += TheaterTotalTickets
  FinalPercentage=100*(TicketsBooked/TicketsAvailable)

print("Date: ",datetime.datetime.now())
print("########################")
print(TheaterInfo)
MovieInfo.add_row([TotalShowsCount, FinalMaxGross, TotalTickets, TicketsAvailable, Tickets
print("########################")
print(MovieInfo)
```

```
https://paytm.com/movies/hyderabad/sarkaru-vaari-paata-movie-ticket-booking-glxgb6
Date:  2022-05-11 07:00:32.960310
########################
+-------------------------------------------------------+---------------------+----
|                     Theater Name                      | Theater Shows Count | The
+-------------------------------------------------------+---------------------+----
|             INOX GVK One, Banjara Hills               |          25         |
|     INOX Maheshwari Parmeshwari Mall, Kachiguda       |          20         |
|           Cinepolis CCPL Mall, Malkajgiri             |          22         |
```

| | |
|---|---|
| Miraj Shalini Shivani Cinemas, Kothapet | 17 |
| PVR RK Cineplex, Banjara Hills | 14 |
| PVR Inorbit, Cyberabad | 27 |
| PVR Panjagutta | 22 |
| PVR Kukatpally | 34 |
| Sree Sai Raja Theatre, Musheerabad | 5 |
| Shri Krishna Talkies, Uppal | 4 |
| Sri Vijayalakshmi Theatre, Maheshwaram | 4 |
| Talluri Theatres, Kushaiguda | 13 |
| Carnival Ameerpet | 14 |
| Cinepolis Mantra Mall, Upparpally | 26 |
| INOX GSM Mall, Madinaguda | 35 |
| PVR ICON Hitech, Madhapur | 22 |
| PVR Next Galleria Mall, Panjagutta | 30 |
| Cinepolis Sudha Cinemas, Rajpal Nagar | 23 |
| Super 70mm - Balapur | 5 |
| Bhujanga 70 MM Theatre, Jeedimetla | 5 |
| Viswanath Theater 70mm A/C, Kukatpally | 4 |
| Jyothi Theatre, IDA Bollaram | 4 |
| Sushma Theatre - Vanasthalipuram | 5 |
| Metro Theatre 70MM, Bahadurpura | 5 |
| Anjali Theatre, Secunderabad | 5 |
| Vimal Theatre - Bala Nagar | 5 |
| MovieTime Platinum Cinemas, Gachibowli | 9 |
| PVR Irrum Manzil, Khairatabad | 28 |
| Sandhya 35mm 2K Dolby Atmos, Jawahar Nagar | 5 |
| SV Cine Square, Patancheru | 5 |
| Sampurna Theatre, Vanasthalipuram | 5 |
| PVR Musarambagh, New Malakpet | 27 |
| Sapna Cinema 35MM, Abids | 5 |
| Santosh 70MM Cinema, Abids | 5 |
| PVR Preston Prime, Gachibowli | 18 |
| Cinepolis DSL Virtue Mall, Uppal | 26 |
| Rajdhani Delux Theater, Dilsukhnagar | 5 |
| Rajdhani 70mm - Newly Renovated, Dilsuknagar | 5 |
| Miraj Cinemas, Balanagar | 17 |
| Sri Lakshmi Kalamandir 70mm A/C, Alwal | 5 |
| PVR Mallapur Hyderabad | 18 |
| Miraj Cinemas : Geeta, Chandanagar | 14 |
| SVC Eeshwar, Attapur | 5 |
| SVC Sri Lakshmi Theatre, Kharmanghat | 5 |
| Sangeetha Theatre: RC Puram (Formerly SVC Sangeetha) | 5 |
| Sensation Complex - Khairatabad | 10 |
| Miraj Cinemas : CineTown, Miyapur | 14 |
| Miraj Cinemas : Raghavendra, Hyderabad | 14 |
| Sri Venkatasai Theatre, Keesara | 4 |
| Yakuth Mahal, Yakutpura | 5 |

```
from urllib.request import urlopen, Request
from bs4 import BeautifulSoup
import json
from prettytable import PrettyTable
from datetime import datetime
from pytz import timezone

reset = "\033[0m"
```

```
class colors:
    black = "\033[30m"
    red = "\033[31m"
    green = "\033[32m"
    yellow = "\033[33m"
    blue = "\033[34m"
    magenta = "\033[35m"
    cyan = "\033[36m"
    white = "\033[37m"

locations = {
    "Hyderabad":"https://in.bookmyshow.com/buytickets/the-warriorr-hyderabad/movie--ET0032
      "Warangal":"https://in.bookmyshow.com/buytickets/the-warriorr-karimnagar/movie--ET00
    "Karimnagar":"https://in.bookmyshow.com/buytickets/the-warriorr-karimnagar/movie--ET00
    "Siddipet":"https://in.bookmyshow.com/buytickets/the-warriorr-siddipet/movie--ET003214
    "Nizamabad":"https://in.bookmyshow.com/buytickets/the-warriorr-nizamabad/movie--ET0032
    "Vikarabad":"https://in.bookmyshow.com/buytickets/the-warriorr-vikarabad/movie--ET0032
    "Jagtial":"https://in.bookmyshow.com/buytickets/the-warriorr-jagtial/movie--ET00321464
    "Sircilla":"https://in.bookmyshow.com/buytickets/the-warriorr-sircilla/movie--ET003214
    "Adilabad":"https://in.bookmyshow.com/buytickets/the-warriorr-adilabad/movie--ET003214
    "Vizag":"https://in.bookmyshow.com/buytickets/the-warriorr-vizag-visakhapatnam/movie--
      "Vijayawada":"https://in.bookmyshow.com/buytickets/the-warriorr-vijayawada/movie--ET
      "Guntur":"https://in.bookmyshow.com/buytickets/the-warriorr-guntur/movie--ET00321464
    "Rajahmundry":"https://in.bookmyshow.com/buytickets/the-warriorr-rajamahendravaram-raj
    "Tirupati":"https://in.bookmyshow.com/buytickets/the-warriorr-tirupati/movie--ET003214
    "Kakinada":"https://in.bookmyshow.com/buytickets/the-warriorr-kakinada/movie--ET003214
    "ongole":"https://in.bookmyshow.com/buytickets/the-warriorr-ongole/movie--ET00321464-M
    "nellore":"https://in.bookmyshow.com/buytickets/the-warriorr-nellore/movie--ET00321464
    "Anantapur":"https://in.bookmyshow.com/buytickets/the-warriorr-anantapur/movie--ET0032
      "Tenali": "https://in.bookmyshow.com/buytickets/the-warriorr-tenali/movie--ET0032146
    "Eluru" : "https://in.bookmyshow.com/buytickets/the-warriorr-eluru/movie--ET00321464-M
      "Vizianagaram": "https://in.bookmyshow.com/buytickets/the-warriorr-vizianagaram/movi
      "Srikakulam": "https://in.bookmyshow.com/buytickets/the-warriorr-srikakulam/movie--E
    "Bangalore" : "https://in.bookmyshow.com/buytickets/the-warriorr-bengaluru/movie--ET00
    "Mumbai":"https://in.bookmyshow.com/buytickets/the-warriorr-mumbai/movie--ET00321464-M
    }
allLocations = PrettyTable(["Location","Max Gross","Max Tickets", "Tickets Sold","Gross","

for location in locations:
  #print("\n\n\n",colors.red,"------------------------",location,"----------------------

# bms='https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/movie-hyd-ET0013

  req=Request(locations[location],headers={'User-Agent': 'Mozilla/5.0'})
  webpage=urlopen(req).read()
  soup=BeautifulSoup(webpage,'html.parser')
  #print(soup)
  soup2=soup.find_all('script', type='text/javascript', src=None)

  #parse the aVN_details
  soup_text = ""
  for ele in soup2:
      soup_text = str(ele)
      if 'aVN_details' in soup_text:
          break
```

```
start_index = soup_text.find("aVN_details")
end_index = soup_text.find("nowDate")
json_string = soup_text[start_index+18:end_index-7]
json_string = '{"data":' + json_string + '}'

#print(json_string)

#string to dict
json_dict = json.loads(json_string)

#print("\n\n" + ConsoleColor.BOLD  + ConsoleColor.BLUE + "<==========================Book


FinalGross = 0
FinalMaxGross = 0
FinalShowCount = 0
FinalTicketsPossible = 0
FinalTicketsBooked = 0
TheatreBookPercent=0
TotalFullGross=0
FinalPercentage= 0
t3 = PrettyTable(['TheaterName','ShowCount', 'TotalTicketsBooked', 'TotalMaxTickets', 'T


for i in range(len(json_dict['data'])):
    data = json_dict['data'][i]
    #print(data['SubRegName'], data['VenueName'])
    TheaterGross = 0
    TheaterMaxGross = 0
    TotalFullGross=0
    TotalMaxTicketsAvailable = 0
    TotalTicketsBooked = 0
    TheaterShowCount = 0
    PercentageBook=0
    t2 = PrettyTable(['ShowTime', 'TotalMaxseats', 'ToalSeatsBooked', 'TotalShowGross',
    for j in data['ShowTimes']:
        totalMaxSeats = 0
        totalBookedSeats = 0
        totalShowGross = 0
        totalShowMaxGross = 0
        percentageBook = 0
        TheaterShowCount = TheaterShowCount + 1

        t = PrettyTable(['ShowTime', 'Maxseats', 'SeatsBooked', 'CurPrice', 'SubGross',
        for k in j['Categories']:
            MaxSeats = int(k['MaxSeats'])
            SeatsAvail = int(k['SeatsAvail'])
            CurPrice = float(k['CurPrice'])
            SeatsBooked = MaxSeats - SeatsAvail
            SubGross = SeatsBooked * CurPrice
            SubMaxGross = MaxSeats * CurPrice
            t.add_row([j['ShowTime'], MaxSeats, SeatsBooked, CurPrice, SubGross, SubMaxG
            totalShowGross = totalShowGross + SubGross
            totalShowMaxGross = totalShowMaxGross + SubMaxGross
            totalMaxSeats = totalMaxSeats + MaxSeats
```

```
              totalBookedSeats = totalBookedSeats + SeatsBooked
              if totalMaxSeats!=0:
                percentageBook = "{:.2f}".format(100* (totalBookedSeats/totalMaxSeats))


          if 'AM' or 'PM' in j['ShowTime']:
              t2.add_row([j['ShowTime'], totalMaxSeats, totalBookedSeats, totalShowGross,
              TheaterGross = TheaterGross + totalShowGross
              TotalTicketsBooked = TotalTicketsBooked + totalBookedSeats
              TotalMaxTicketsAvailable = TotalMaxTicketsAvailable+ totalMaxSeats
              TheaterMaxGross = TheaterMaxGross + totalShowMaxGross
          #PercentageBook= 100*(TotalTicketsBooked/TotalMaxTicketsAvailable)

      #print(t2)

      #print(t2)
      t3.add_row([data['VenueName'], TheaterShowCount, TotalTicketsBooked, TotalMaxTickets
      FinalGross = FinalGross + TheaterGross
      FinalMaxGross = FinalMaxGross + TheaterMaxGross
      FinalShowCount = FinalShowCount + TheaterShowCount
      FinalTicketsPossible = FinalTicketsPossible + TotalMaxTicketsAvailable
      FinalTicketsBooked = FinalTicketsBooked + TotalTicketsBooked


  #Theater gross list
  #print(t3)

# allLocations = PrettyTable(["Location","Max Gross","Max Tickets", "Tickets Sold","Gross"

  #Final Gross
  t4 = PrettyTable(["Totatheaters", 'TotalShowCount', "TotalTicketsBooked", "TotalMaxTicke
  if(FinalTicketsPossible!=0):
    t4.add_row([len(json_dict['data']), FinalShowCount, FinalTicketsBooked, FinalTicketsPo
    allLocations.add_row([location,FinalMaxGross,FinalTicketsPossible,FinalTicketsBooked,F

    #print(FinalShowCount)
    print(FinalGross)
    #print(FinalTicketsBooked)

  #print(t4)




print("All Locations Info")
print(colors.green,allLocations,reset,sep="\n")
ind_time = datetime.now(timezone("Asia/Kolkata")).strftime('%Y-%m-%d %H:%M:%S')
print("Data compiled at:", ind_time)
```

```
---------------------------------------------------------------------------
JSONDecodeError                           Traceback (most recent call last)
<ipython-input-39-28786285b5cb> in <module>()
     71
     72   #string to dict
---> 73   json_dict = json.loads(json_string)
     74
     75   #print("\n\n" + ConsoleColor.BOLD  + ConsoleColor.BLUE + "
<==========================BookMyShow===========================>\n" +
ConsoleColor.END)

                                 2 frames
/usr/lib/python3.7/json/decoder.py in raw_decode(self, s, idx)
    353             obj, end = self.scan_once(s, idx)
    354         except StopIteration as err:
--> 355             raise JSONDecodeError("Expecting value", s, err.value) from None
    356         return obj, end
```

```
from urllib.request import urlopen, Request
from bs4 import BeautifulSoup
import json
from prettytable import PrettyTable
from datetime import datetime
from pytz import timezone

reset = "\033[0m"

class colors:
    black = "\033[30m"
    red = "\033[31m"
    green = "\033[32m"
    yellow = "\033[33m"
    blue = "\033[34m"
    magenta = "\033[35m"
    cyan = "\033[36m"
    white = "\033[37m"

locations = {
   #"Hyderabad-Day1":"https://in.bookmyshow.com/buytickets/the-warriorr-hyderabad/movie--E
   # "Hyderabad-Day2":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/
   # "Hyderabad-Day3":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/
   # "Hyderabad-Day4":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/
   # "KarimNagar":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-karimnagar/mov
   # "Nalgonda":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-nalgonda/movie-n
   # "Warangal":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-warangal/movie-w
   # "Siddipet":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-siddipet/movie-s
   # "Khammam":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-khammam/movie-kha
   # "Nizamabad":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-nizamabad/movie
   # "Vikarabad":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-vikarabad/movie
   # "Jagtial":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-jagtial/movie-jgt
   # "Mahabubabad":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-mahabubabad/m
   # "Nalgonda":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-nalgonda/movie-n
   # "Sircilla":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-sircilla/movie-s
   # "Adilabad":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-adilabad/movie-a
   # "Chennai":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-chennai/movie-che
   # "Vizag":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-vizag-visakhapatnam
```

```
   # "Bangalore" : "https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-bengaluru/mov
   # "ongole":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-ongole/movie-ongl-
   # "Vijayawada":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-vijayawada/mov
   # "nellore":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-nellore/movie-nel
   # "guntur":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-guntur/movie-gunt-
   # "Rajahmundry":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-rajamahendrav
   # "Tirupati":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-tirupati/movie-t
   # "Kakinada":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-kakinada/movie-k
   # "Mumbai":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-mumbai/movie-mumba
   # "Vellore":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-vellore/movie-vel
   #"Rajamahendravaram":"https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-rajamahe
    "Tenali":"https://in.bookmyshow.com/buytickets/the-warriorr-tenali/movie--ET00321464-M
}
allLocations = PrettyTable(["Location","Max Gross","Max Tickets", "Tickets Sold","Gross","

for location in locations:
  #print("\n\n\n",colors.red,"------------------------",location,"----------------------

# bms='https://in.bookmyshow.com/buytickets/sarkaru-vaari-paata-hyderabad/movie-hyd-ET0013

  req=Request(locations[location],headers={'User-Agent': 'Mozilla/5.0'})
  webpage=urlopen(req).read()
  soup=BeautifulSoup(webpage,'html.parser')
  #print(soup)
  soup2=soup.find_all('script', type='text/javascript', src=None)

  #parse the aVN_details
  soup_text = ""
  for ele in soup2:
      soup_text = str(ele)
      if 'aVN_details' in soup_text:
          break
  start_index = soup_text.find("aVN_details")
  end_index = soup_text.find("nowDate")
  json_string = soup_text[start_index+18:end_index-7]
  json_string = '{"data":' + json_string + '}'

  #print(json_string)

  #string to dict
  json_dict = json.loads(json_string)

  #print("\n\n" + ConsoleColor.BOLD  + ConsoleColor.BLUE + "<========================Book


  FinalGross = 0
  FinalMaxGross = 0
  FinalShowCount = 0
  FinalTicketsPossible = 0
  FinalTicketsBooked = 0
  TheatreBookPercent=0
  TotalFullGross=0
  FinalPercentage= 0
  t3 = PrettyTable(['TheaterName','ShowCount', 'TotalTicketsBooked', 'TotalMaxTickets', 'T
```

```
for i in range(len(json_dict['data'])):
    data = json_dict['data'][i]
    #print(data['SubRegName'], data['VenueName'])
    TheaterGross = 0
    TheaterMaxGross = 0
    TotalFullGross=0
    TotalMaxTicketsAvailable = 0
    TotalTicketsBooked = 0
    TheaterShowCount = 0
    PercentageBook=0
    t2 = PrettyTable(['ShowTime', 'TotalMaxseats', 'ToalSeatsBooked', 'TotalShowGross',
    for j in data['ShowTimes']:
        totalMaxSeats = 0
        totalBookedSeats = 0
        totalShowGross = 0
        totalShowMaxGross = 0
        percentageBook = 0
        TheaterShowCount = TheaterShowCount + 1

        t = PrettyTable(['ShowTime', 'Maxseats', 'SeatsBooked', 'CurPrice', 'SubGross',
        for k in j['Categories']:
            MaxSeats = int(k['MaxSeats'])
            SeatsAvail = int(k['SeatsAvail'])
            CurPrice = float(k['CurPrice'])
            SeatsBooked = MaxSeats - SeatsAvail
            SubGross = SeatsBooked * CurPrice
            SubMaxGross = MaxSeats * CurPrice
            t.add_row([j['ShowTime'], MaxSeats, SeatsBooked, CurPrice, SubGross, SubMaxG
            totalShowGross = totalShowGross + SubGross
            totalShowMaxGross = totalShowMaxGross + SubMaxGross
            totalMaxSeats = totalMaxSeats + MaxSeats
            totalBookedSeats = totalBookedSeats + SeatsBooked
            if totalMaxSeats!=0:
              percentageBook = "{:.2f}".format(100* (totalBookedSeats/totalMaxSeats))


        if 'AM' or 'PM' in j['ShowTime']:
            t2.add_row([j['ShowTime'], totalMaxSeats, totalBookedSeats, totalShowGross,
            TheaterGross = TheaterGross + totalShowGross
            TotalTicketsBooked = TotalTicketsBooked + totalBookedSeats
            TotalMaxTicketsAvailable = TotalMaxTicketsAvailable+ totalMaxSeats
            TheaterMaxGross = TheaterMaxGross + totalShowMaxGross
        #PercentageBook= 100*(TotalTicketsBooked/TotalMaxTicketsAvailable)

    #print(t2)

    #print(t2)
    t3.add_row([data['VenueName'], TheaterShowCount, TotalTicketsBooked, TotalMaxTickets
    FinalGross = FinalGross + TheaterGross
    FinalMaxGross = FinalMaxGross + TheaterMaxGross
    FinalShowCount = FinalShowCount + TheaterShowCount
    FinalTicketsPossible = FinalTicketsPossible + TotalMaxTicketsAvailable
    FinalTicketsBooked = FinalTicketsBooked + TotalTicketsBooked
```

```
  #Theater gross list
  #print(t3)

# allLocations = PrettyTable(["Location","Max Gross","Max Tickets", "Tickets Sold","Gross"

  #Final Gross
  t4 = PrettyTable(["Totatheaters", 'TotalShowCount', "TotalTicketsBooked", "TotalMaxTicke
  if(FinalTicketsPossible!=0):
    t4.add_row([len(json_dict['data']), FinalShowCount, FinalTicketsBooked, FinalTicketsPo
    allLocations.add_row([location,FinalMaxGross,FinalTicketsPossible,FinalTicketsBooked,F

    #print(FinalShowCount)
    print(FinalGross)
    #print(FinalTicketsBooked)

  #print(t4)




print("All Locations Info")
print(colors.green,allLocations,reset,sep="\n")
ind_time = datetime.now(timezone("Asia/Kolkata")).strftime('%Y-%m-%d %H:%M:%S')
print("Data compiled at:", ind_time)
```

```
---------------------------------------------------------------------------
JSONDecodeError                           Traceback (most recent call last)
<ipython-input-2-03e766bbcacb> in <module>()
     77
     78   #string to dict
---> 79   json_dict = json.loads(json_string)
     80
     81   #print("\n\n" + ConsoleColor.BOLD  + ConsoleColor.BLUE + "
<=========================BookMyShow============================>\n" +
ConsoleColor.END)

                                  2 frames
/usr/lib/python3.7/json/decoder.py in raw_decode(self, s, idx)
    353             obj, end = self.scan_once(s, idx)
    354         except StopIteration as err:
--> 355             raise JSONDecodeError("Expecting value", s, err.value) from None
    356         return obj, end

JSONDecodeError: Expecting value: line 1 column 9 (char 8)
```

```
import json
```