In [37]:
```
import pandas as pd
rData=pd.read_excel(r'C:\Venkat\Python\Practice_Material\Pandas\RawData.xlsx')
New_columns=['HOUSE','STREET','CITY','STATE','PIN','NAME','HOUR','MIN','SEC','YEAR','MONTH','DATE']
CleanData=pd.DataFrame(columns=New_columns)
j=0
print('**********************************Raw Data*****************************')
print(rData)
for i in rData.values:
    #sAddr=i[0].split(',')
    #sDate=str(i[1]).split('-')
    #sTime=i[3].split(':')
    #CleanData.loc[j]=[sAddr[0],sAddr[1],sAddr[2],sAddr[3],sAddr[4],i[2],sTime[0],sTime[1],sTime[2][0:2],sDate[0],sDate[1],sDate[2][0:2]]
    sAddr=i[0].split(',')
    sDateStr=str(i[1])[0:10].split('-')
    #sDate=sDateStr.split('-')
    sTime=i[3].split(':')
    sName=list([i[2]])
    totalString=sAddr+sName+sTime+sDateStr
    CleanData.loc[j]=totalString
    j+=1
print('**********************Clean Data***********************************************')
print(CleanData)
```

```
**********************************Raw Data*****************************
                                        ADDR         DT NAME     time
0  45 rd, kenith street, btm, bangalore, 500038 2022-04-03  abc  8:30:21
1            45 rd,  street, hitech, Hd, 500038 2022-04-02  dec  5:30:21
**********************Clean Data***********************************************
   HOUSE          STREET     CITY       STATE      PIN NAME HOUR MIN SEC  \
0  45 rd   kenith street      btm   bangalore   500038  abc    8  30  21
1  45 rd           street   hitech          Hd   500038  dec    5  30  21

   YEAR MONTH DATE
0  2022    04   03
1  2022    04   02
```

In [29]:
```
CleanData
```

Out[29]:

| | HOUSE | STREET | CITY | STATE | PIN | NAME | HOUR | MIN | SEC | YEAR | MONTH | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **0** | 45 rd | kenith street | btm | bangalore | 500038 | abc | 8 | 30 | 21 | 2022 | 04 | 03 |
| **1** | 45 rd | street | hitech | Hd | 500038 | dec | 5 | 30 | 21 | 2022 | 04 | 02 |

In [ ]: