ryme: - Joyneer Sirgh LES B Fradelico CLEAR TO SEE -1
PROUND TO THE 182 DOTH TO portion southern the ment Pager case - E TCS-48 com he ased in nappit replace effective values win some oner values. Theory - In Python, Pondate data mane is mo dimensional in size-mutable, potentially heterogenous table data structure with stated area (rows & columns). Pandas data mame consists of 3 principal components is the data, ray and column are can perform basic operations an TOWNS Like selecting deleting & renaining. reflecte method replace the specific value with constant specific volume. It also searches the entire paraframe. It replace every case of the specified rome. syntax: df. replace (tosplace, value, implace, limit, regex, method); code: - import pandas as Pd; new_df=df. replace ({-9999: np. ram, new_df). new_compace({ 'temperature': [A-Za-Z] ; regex windspeed': [a-Z']); regex toue). # replaced list with another list de-marge par BataFoure [{ 'Score': ['exceptional' 'ausenge']

'good', power,

'auserge', exceptional) de replace (['poor', 'average', 'good', 'exceptional]) [t, 2, 3, 4]); at. Jescobe w

P8) how to use pandas concat function to join or append dataframes In big data analysis.

```
import pandas as pd

india_weather = pd.DataFrame({
    "city": ["mumbai","delhi","banglore"],
    "temperature": [32,45,30],
    "humidity": [80, 60, 78]
})
india_weather
```

	city	humidity	temperature
0	mumbai	80	32
1	delhi	60	45
2	banglore	78	30

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Replacing by using mapping

	day	temperature	windspeed	event
0	1/1/2017	32.0	6.0	Rain
1	1/2/2017	NaN	7.0	Sunny
2	1/3/2017	28 0	NaN	Snow
3	1/4/2017	NaN	7.0	0
4	1/5/2017	32.0	NaN	Rain
5	1/6/2017	31.0	2.0	Sunny
6	1/6/2017	34.0	5.0	0

Regex

```
# when windspeed is 6 mph, 7 mph etc. & temperature is 32 F, 28 F etc.
new_df = df.replace({'temperature': '[A-Za-z]', 'windspeed': '[a-z]'},', regex=True)
new_df
```

	day	temperature	windspeed	event
0	1/1/2017	32	6	Rain
1	1/2/2017	-99999	7	Sunny
2	1/3/2017	28	-99999	Snow
3	1/4/2017	-99999	7.	0
4	1/5/2017	32	-99999	Rain
5	1/6/2017	31	2	Sunny
6	1/6/2017	34	5	0

Replacing list with another list

```
df = pd.DataFrame({
    'score': ['exceptional', 'average', 'good', 'poor', 'average', 'exceptional'],
    'student': ['rob', 'maya', 'parthiv', 'tom', 'julian', 'erica']
})
df
```

	score	student
0	exceptional	rob
1	average	maya
2	good	parthiv
3	poor	tom
4	average	julian
5	exceptional	erica

```
df.replace(['poor', 'average', 'good', 'exceptional'], [1,2,3,4])
```

-	score	student
0	4	rob
1	2	maya
2	3	parthiv
3	1	tom
4	2	julian
5	4	erica