

## ASSINMENT1

## TASK1

```
import pandas as pd
import numpy as np
```

```
df=pd.DataFrame([[ 'VIRAT',34,'INDIA','CRICKETER'],[ 'DEVILLERS',38,'SOUTH AFRICA','CRICKETER,GOLF,SWIMMING'],[ 'GAYLE',45,'WESTINDIES','CRICKETER'],[ 'SHINCHAN',5,'JAPANESE',np.nan]])
```

```
print(df)
```

	0	1	2	3
0	VIRAT	34	INDIA	CRICKETER
1	DEVILLERS	38	SOUTH AFRICA	CRICKETER,GOLF,SWIMMING
2	GAYLE	45	WESTINDIES	CRICKETER
3	SHINCHAN	5	JAPANESE	NaN

## TASK2:

```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 4 entries, 0 to 3
Data columns (total 4 columns):
#   Column  Non-Null Count  Dtype
---  -
0    0      4 non-null      object
1    1      4 non-null      int64
2    2      4 non-null      object
3    3      3 non-null      object
dtypes: int64(1), object(3)
memory usage: 256.0+ bytes
```

## Task3

```
df.describe()
```

	1
<b>count</b>	4.000000
<b>mean</b>	30.500000
<b>std</b>	17.597348
<b>min</b>	5.000000

task4:

df.loc[0]

```

0      VIRAT
1         34
2      INDIA
3  CRICKETER
Name: 0, dtype: object

```

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task 5:

task 5:

df.isnull().sum()

```

0      0
1      0
2      0
3      1
dtype: int64

```

Double-click (or enter) to edit

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