LAB SHEET - 3

Aim - To identify missing values for a given attribute from a csv file. Replace the missing value by 0, mean, and mode using python.

Date of assignment - 10/09/2024

Date of submission - 17/09/2024

Roll number - 23619002

1.To identify missing values for a given attribute from csv file. Replace the missing value by 0, mean, and mode using python.

Answer:-

Csv file:

TIME	TEMPERATURE	HEIGHT	LENGTH
1:00	25	4.8	
2:00	35	6.2	20
3:00		5.7	
4:00	55		40
5:00		5.2	50

Python code:

```
import pandas as pd
df = pd.read_csv('Data.csv')
print("Missing values in each column:",df)
df[0:5].fillna(0,inplace=True)
print(df)
```

Output:-

```
   TIME  TEMPERATURE  HEIGHT  LENGTH
0  1:00     25.0     4.8     0.0
1  2:00     35.0     6.2    20.0
2  3:00      0.0     5.7     0.0
3  4:00     55.0     0.0    40.0
4  5:00      0.0     5.2    50.0
```