Experiment-15

AIM: To execute pandas program to keep the rows with atleast 2 NaN values.

PseudoCode:

1) Create a Dataframe.

Define a dictionary with column names & data.

Create a Pandas dataframe from dictionary.

2) Count NaN values in each row.

use the isnull() method.

Sample Input:

```
df = pd.DataFrame(np.random.rand(10,4), columns=
['A','B','C','D'])
```

Sample Output:

	A	B	C	D
0	0.78	NaN	NaN	0.12
1	NaN	NaN	0.76	0.37
2	0.29	0.43	NaN	NaN

Result:

This code executed successfully & got the output

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```
[ ]         'purch_amt': [np.nan, 270.65, 65.26, np.nan, 948.50, 2400.60, 5760.00, 1983.43, 2480.40, 250.45, 75.29, np.nan],
            'ord_date': [np.nan, '2012-09-10', np.nan, np.nan, '2012-09-10', '2012-07-27', '2012-09-10', '2012-10-10', '2012-10-10', '2012-06-27', '2012-
            'customer_id': [np.nan, 3001.0, 3001.0, np.nan, 3002.0, 3001.0, 3001.0, 3004.0, 3003.0, 3002.0, 3001.0, np.nan]}

    df = pd.DataFrame(data)

    # find rows with at least 2 NaN values
    df_filtered = df[df.isnull().sum(axis=1) >= 2]

    print(df_filtered)
```

```
    ord_no  purch_amt ord_date  customer_id
0      NaN        NaN      NaN          NaN
3      NaN        NaN      NaN          NaN
11     NaN        NaN      NaN          NaN
```

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