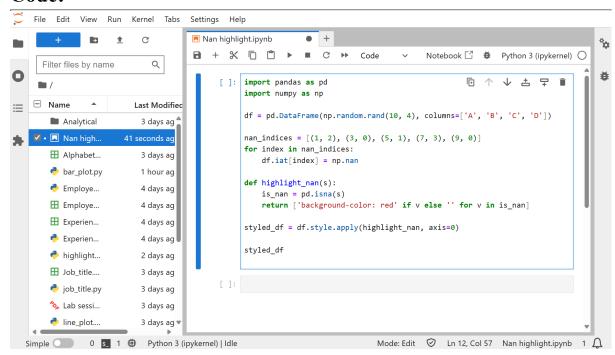
Aim:

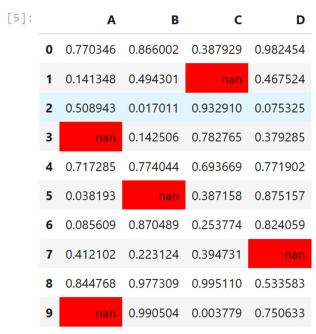
To develop a Pandas program to highlight Nan values.

Code:



Input:

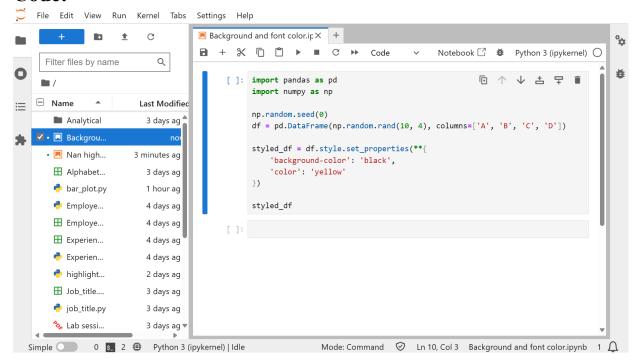
df = pd.DataFrame(np.random.rand(10, 4), columns=['A', 'B', 'C', 'D'])



Aim:

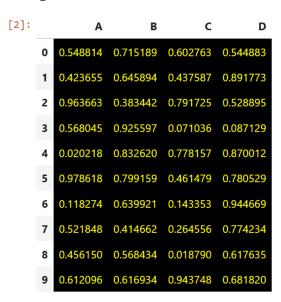
To develop a Pandas program to set Data frame background Color black and font color yellow.

Code:



Input:

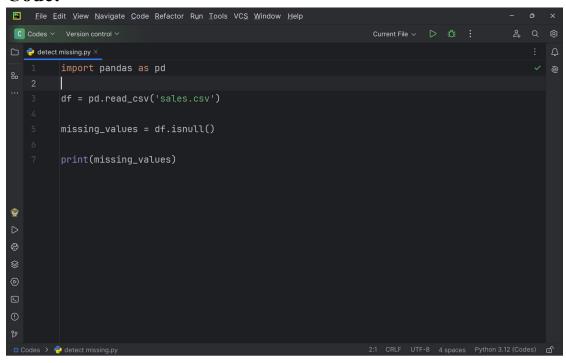
```
df = pd.DataFrame(np.random.rand(10, 4), columns=['A', 'B', 'C', 'D'])
```



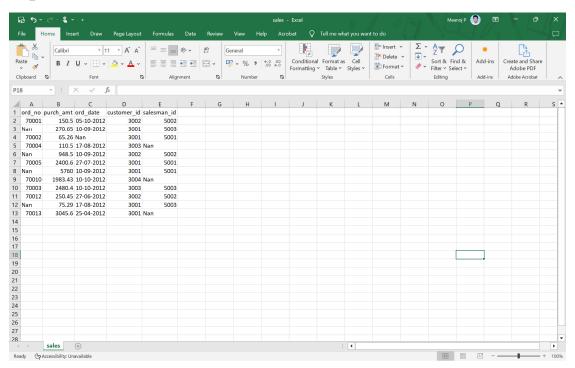
Aim:

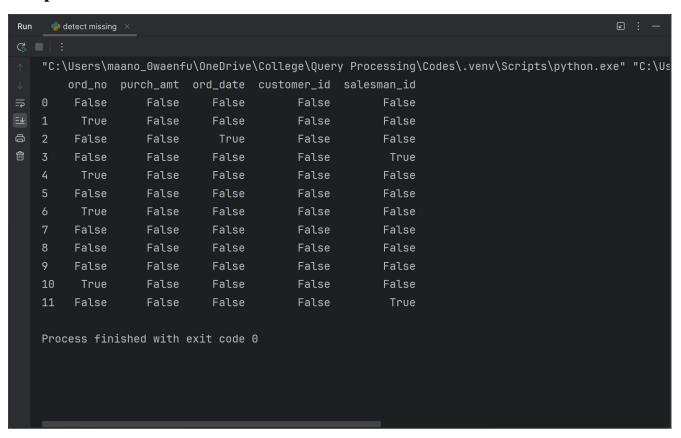
To develop a Pandas program to display missing values in a dataset as True else false

Code:



Input:





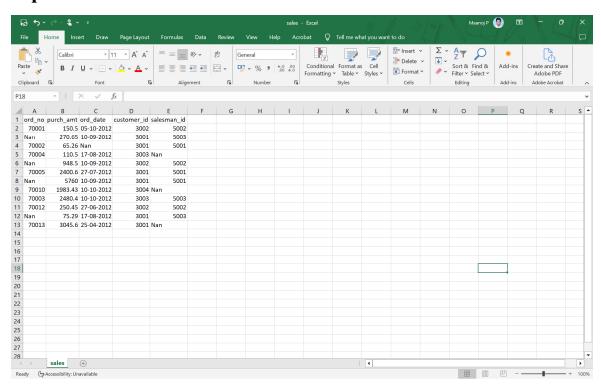
Aim:

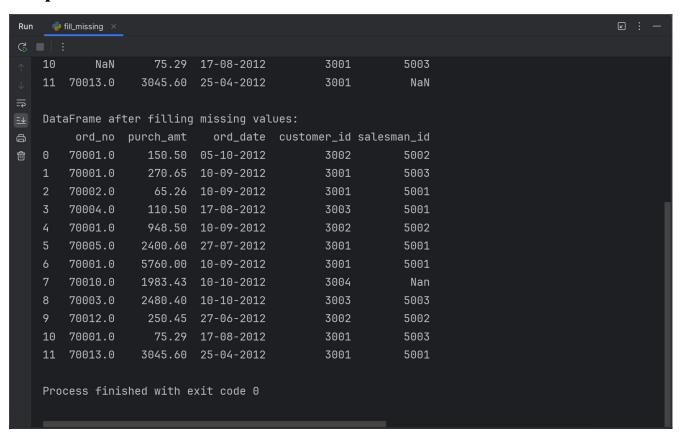
To develop a Pandas program to fill missing values.

Code:

```
File Edit View Navigate Code Refactor Run Iools VCS Window Help
C Codes Version control V
                                                                      Current File ∨ ▷ ₺
🗀 🌏 fill_missing.py ×
          import pandas as pd
          df = pd.read_csv('sales.csv')
          print("Original DataFrame:")
          print(df)
          numerical_columns = ['purch_amt']
          df[numerical_columns] = df[numerical_columns].fillna(df[numerical_columns].mean())
          categorical_columns = ['ord_no', 'ord_date', 'customer_id', 'salesman_id']
          for column in categorical_columns:
              df[column] = df[column].fillna(df[column].mode()[0])
          print("\nDataFrame after filling missing values:")
          print(df)
□ Codes > 👶 fill_missing.py
```

Input:



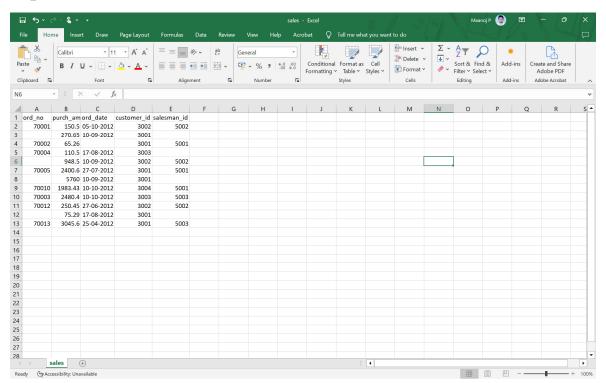


Aim:

To develop a Pandas program to display missing values in a dataset as True else false

Code:

Input:



Run	•	2 Nan values	<u>×</u>				☑ :
G							
	0ri	ginal Dat	aFrame:				
		ord_no	purch_amt	ord_date	customer_id	salesman_id	
₽	0	70001.0	150.50	05-10-2012	3002	5002.0	
	1	NaN	270.65	10-09-2012	3001	NaN	
þ	2	70002.0	65.26	NaN	3001	5001.0	
Ì	3	70004.0	110.50	17-08-2012	3003	NaN	
	4	NaN	948.50	10-09-2012	3002	5002.0	
	5	70005.0	2400.60	27-07-2012	3001	5001.0	
	6	NaN	5760.00	10-09-2012	3001	NaN	
	7	70010.0	1983.43	10-10-2012	3004	5001.0	
	8	70003.0	2480.40	10-10-2012	3003	5003.0	
	9	70012.0	250.45	27-06-2012	3002	5002.0	
	10	NaN	75.29	17-08-2012	3001	NaN	
	11	70013.0	3045.60	25-04-2012	3001	5003.0	
	Dat	aFrame wi	th at leas [.]	t 2 NaN value	es:		
		ord_no	purch_amt	ord_date	customer_id	salesman_id	
	1	NaN	270.65	10-09-2012	3001	NaN	
	6	NaN	5760.00	10-09-2012	3001	NaN	
	10	NaN	75.29	17-08-2012	3001	NaN	