Write a Pandas program to find and replace the missing values in a given DataFrame which do not have any valuable information

```
PROGRAM:
import pandas as pd
import numpy as np
# Create the given DataFrame
data = {
  'ord no': [70001.0, np.nan, 70002.0, 70004.0, np.nan, 70005.0, np.nan,
70010.0, 70003.0, 70012.0, np.nan, 70013.0],
  'purch amt': [150.50, 270.65, 65.26, 110.50, np.nan, 948.50, 2400.60,
5760.00, 1983.43, 2480.40, 250.45, 75.29, 3045.60, np.nan, np.nan],
  'ord_date': ['2012-10-05', '2012-09-10', '2012-08-17', '2012-09-10', '2012-07-
27', '2012-09-10', '2012-10-10', '2012-10-10', '2012-06-27', '2012-08-17',
'2012-04-25', np.nan, np.nan, np.nan, np.nan],
  'customer_id': [3002, 3001, 3001, 3003, 3002, 3001, 3001, 3004, 3003,
3002, 3001, 3001, 5002.0, 5003.0, 5001.0, np.nan, 5002.0, 5001.0, 5001.0,
np.nan, 5003.0, 5002.0, 5003.0, np.nan],
  'salesman_id': ['5002.0', '5003.0', '5001.0', np.nan, '5002.0', '5001.0',
'5001.0', np.nan, '5003.0', '5002.0', '5003.0', np.nan, np.nan, np.nan, np.nan],
}
# Ensure all arrays have the same length
max\_length = max(len(v) for v in data.values())
data = \{k: v + [np.nan] * (max_length - len(v)) for k, v in data.items()\}
df = pd.DataFrame(data)
# Find and replace missing values with 'Unknown'
df.replace(np.nan, 'Unknown', inplace=True)
# Display the result
print(df)
```

## OUTPUT:

====== RESTART: C:/Users/PADMASRI/Documents/Codings/program 14.py						
	ord_no p	purch_amt	ord_date	customer_id	salesman_id	
0	70001.0	150.5	2012-10-05	3002.0	5002.0	
1	Unknown	270.65	2012-09-10	3001.0	5003.0	
2	70002.0	65.26	2012-08-17	3001.0	5001.0	
3	70004.0	110.5	2012-09-10	3003.0	Unknown	
4	Unknown	Unknown	2012-07-27	3002.0	5002.0	
5	70005.0	948.5	2012-09-10	3001.0	5001.0	
6	Unknown	2400.6	2012-10-10	3001.0	5001.0	
7	70010.0	5760.0	2012-10-10	3004.0	Unknown	
8	70003.0	1983.43	2012-06-27	3003.0	5003.0	
9	70012.0	2480.4	2012-08-17	3002.0	5002.0	
10	Unknown	250.45	2012-04-25	3001.0	5003.0	
11	70013.0	75.29	Unknown	3001.0	Unknown	
12	Unknown	3045.6	Unknown	5002.0	Unknown	
13	Unknown	Unknown	Unknown	5003.0	Unknown	
14	Unknown	Unknown	Unknown	5001.0	Unknown	
15	Unknown	Unknown	Unknown	Unknown	Unknown	
16	Unknown	Unknown	Unknown	5002.0	Unknown	
17	Unknown	Unknown	Unknown	5001.0	Unknown	
18	Unknown	Unknown	Unknown	5001.0	Unknown	
19	Unknown	Unknown	Unknown	Unknown	Unknown	
20	Unknown	Unknown	Unknown	5003.0	Unknown	
21	Unknown	Unknown	Unknown	5002.0	Unknown	
22	Unknown	Unknown	Unknown	5003.0	Unknown	
23	Unknown	Unknown	Unknown	Unknown	Unknown	