1. Write a Pandas program to display the details of jobs in descending sequence on job title.

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
AD_PRES	President	20080	40000
AD_VP	Administration Vice President	15000	30000
AD_ASST	Administration Assistant	3000	6000
FI_MGR	Finance Manager	8200	16000
FI_ACCOUNT	Accountant	4200	9000
AC_MGR	Accounting Manager	8200	16000
AC_ACCOUNT	Public Accountant	4200	9000
SA_MAN	Sales Manager	10000	20080
SA_REP	Sales Representative	6000	12008
PU_MAN	Purchasing Manager	8000	15000
PU_CLERK	Purchasing Clerk	2500	5500
ST_MAN	Stock Manager	5500	8500
ST_CLERK	Stock Clerk	2008	5000
SH_CLERK	Shipping Clerk	2500	5500
IT_PROG	Programmer	4000	10000
MK_MAN	Marketing Manager	9000	15000
MK_REP	Marketing Representative	4000	9000
HR_REP	Human Resources Representative	4000	9000
PR_REP	Public Relations Representative	4500	10500

PROGRAM:

```
import pandas as pd

# Data provided
data = {
    'JOB_ID': ['AD_PRES', 'AD_VP', 'AD_ASST', 'FI_MGR', 'FI_ACCOUNT',
'AC_MGR', 'AC_ACCOUNT', 'SA_MAN', 'SA_REP',
               'PU_MAN', 'PU_CLERK', 'ST_MAN', 'ST_CLERK', 'SH_CLERK',
'IT_PROG', 'MK_MAN', 'MK_REP', 'HR_REP', 'PR_REP'],
    'JOB_TITLE': ['President', 'Administration Vice President',
'Administration Assistant', 'Finance Manager', 'Accountant',
                  'Accounting Manager', 'Public Accountant', 'Sales
Manager', 'Sales Representative', 'Purchasing Manager',
                  'Purchasing Clerk', 'Stock Manager', 'Stock Clerk',
'Shipping Clerk', 'Programmer', 'Marketing Manager',
                  'Marketing Representative', 'Human Resources
Representative', 'Public Relations Representative'],
    'MIN_SALARY': [20080, 15000, 3000, 8200, 4200, 8200, 4200, 10000, 6000,
8000, 2500, 5500, 2008, 2500, 4000, 9000, 4000, 4000, 4500],
    'MAX_SALARY': [40000, 30000, 6000, 16000, 9000, 16000, 9000, 20080,
12008, 15000, 5500, 8500, 5000, 5500, 10000, 15000, 9000, 9000, 10500]
}

# Create DataFrame
df = pd.DataFrame(data)

# Sort DataFrame by 'JOB_TITLE' in descending order
df_sorted = df.sort_values(by='JOB_TITLE', ascending=False)

# Display the sorted DataFrame
print(df_sorted)
```

OUTPUT:

```
---------------------------------------------------------- RESTART: C:/Users/PADMASRI/Docum
        JOB_ID                      JOB_TITLE  MIN_SALARY  MAX_SALARY
11      ST_MAN                  Stock Manager        5500        8500
12    ST_CLERK                    Stock Clerk        2008        5000
13    SH_CLERK                 Shipping Clerk        2500        5500
8       SA_REP           Sales Representative        6000       12008
7       SA_MAN                  Sales Manager       10000       20080
9       PU_MAN             Purchasing Manager        8000       15000
10    PU_CLERK               Purchasing Clerk        2500        5500
18      PR_REP  Public Relations Representative        4500       10500
6   AC_ACCOUNT              Public Accountant        4200        9000
14     IT_PROG                     Programmer        4000       10000
0      AD_PRES                      President       20080       40000
16      MK_REP       Marketing Representative        4000        9000
15      MK_MAN             Marketing Manager        9000       15000
17      HR_REP  Human Resources Representative        4000        9000
3       FI_MGR                Finance Manager        8200       16000
1        AD_VP  Administration Vice President       15000       30000
2      AD_ASST       Administration Assistant        3000        6000
5       AC_MGR             Accounting Manager        8200       16000
4   FI_ACCOUNT                     Accountant        4200        9000
```