EXPERIMENT - 2

Aim: To execute pandas program to display the ID for those employees who did two or more jobs in the past.

Pseudocode:

1) Import the pandas library as pd

2) Create a dictionary called 'data' with the following key
   - 'Employee_id'
   - 'start_date'
   - 'end_date'
   - 'job_id'
   - 'Dept_id'

3) create dataframe 'df' using the 'data' dictionary.

4) Use the 'value_counts()' method on employee_id column to count the number of jobs: st

5) Store values in employee_job_count.

6) Filter the employee_job_count to get employees who have held 2 or more jobs.

7) Extract and store values in emp_multiple_jobs and print.
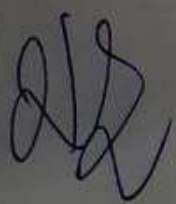
Sample input:

Employee database (Employee_id, start_date, job_id, department_

Sample output:

Employee IDs who did two or more jobs:
[200]

Result: There the pandas program to display id for employee who did 2 or more jobs is executed successfully.

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```python
[ ]  # Filter employees who have done two or more jobs
     employees_with_multiple_jobs = employee_job_count[employee_job_count >= 2].index

     # Display the result
     print("Employee IDs who did two or more jobs:")
     print(employees_with_multiple_jobs.tolist())
```

```
Employee IDs who did two or more jobs:
[200]
```

```python
import pandas as pd

# Creating the DataFrame with job details
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',
```

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