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Problem Statment : Write a pandas programm to import excel data (employee.xlsx) into a pandas dataframe and find a list of employees of specified year

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```
from google.colab import drive
drive.mount('/content/drive')
```

```
Mounted at /content/drive
```

```
import pandas as pd
```

```
# Load the  dataset into a pandas DataFrame
df = pd.read_excel('drive/My Drive/Colab Notebooks/employee.xlsx')
df
```

	emp_id	first_name	last_name	hire_date
0	120	Matthew	Weiss	18-7-2004
1	121	Adam	Fripp	2005-10-04 00:00:00
2	122	Payam	Kaufling	2003-01-05 00:00:00
3	123	Shanta	Vollman	2005-10-10 00:00:00
4	124	Payam	Mourgos	16-11-2007

```
df.describe()
```

	emp_id
count	7.000000
mean	123.000000
std	2.160247
min	120.000000
25%	121.500000
50%	123.000000

```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 7 entries, 0 to 6
Data columns (total 4 columns):
 #   Column      Non-Null Count  Dtype         
---  ------      --------------  -----         
 0   emp_id      7 non-null      int64         
 1   first_name  7 non-null      object        
 2   last_name   7 non-null      object        
 3   hire_date   7 non-null      datetime64[ns]
```

```
dtypes: datetime64[ns](1), int64(1), object(2)
memory usage: 352.0+ bytes
```

```
# Convert the hire date column to datetime type
df['hire_date'] = pd.to_datetime(df['hire_date'])

# Specify the year for which you want to find employees
specified_year = 2005


# Filter the dataframe to get employees of the specified year
filtered_df = df[df['hire_date'].dt.year == 2005]

# Print the list of employees of the specified year
print(filtered_df[['last_name', 'first_name']])
```

```
  last_name first_name
1     Fripp       Adam
3   Vollman     Shanta
5     Nayer      Julia
```

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