Name: Siddhant Saraf

```python
import pandas as pd

file_path = r'C:\Users\saraf\Desktop\Pinak Idea\Filing-season-statistics-2009-to-current-year.xlsx'
excel_data = pd.ExcelFile(file_path)

sheet_names = excel_data.sheet_names
print(sheet_names)

df = pd.read_excel(file_path, sheet_name='filing-season-statistics-2009-t', skiprows=2)

print(df.columns)

print(df.head())

year_column = 'Year'
num_returns_column = 'Total returnsreceived'

data_2023 = df[df[year_column] == 2023]

num_returns_2023 = data_2023['Total returns\nreceived'].sum()
print(f'Number of tax returns received by IRS in 2023: {num_returns_2023}')
```

```
['filing-season-statistics-2009-t', 'Sheet3', 'Pivot Table 7', 'Pivot Table 2', 'Pivot Table 3', 'Pivot Table 5', 'Source']
Index(['Year', 'Month', 'Day', 'Date', 'Total returns\nreceived', ' ',
       'Processed', 'Total e-file', 'Tax \nPro', 'Self-prepared',
       'Visits to\nIRS.gov', 'Number', 'Amount\n(in billions of dollars)',
       'Average\nrefund', 'Number.1', 'Amount\n(in billions of dollars).1',
       'Average\nrefund.1', 'Paper Filing ', 'Proportion e-file ',
       'Proportion Paper Filing'],
      dtype='object')
   Year  Month   Day                Date  Total returns\nreceived      \
0  2024    4.0  26.0 2024-04-26 00:00:00              141363000.0  NaN
1  2024    4.0  19.0 2024-04-19 00:00:00              139137000.0  NaN
2  2024    4.0  12.0 2024-04-12 00:00:00              119592000.0  NaN
3  2024    4.0   5.0 2024-04-05 00:00:00              101849000.0  NaN
4  2024    3.0  29.0 2024-03-29 00:00:00               90315000.0  NaN

      Processed   Total e-file    Tax \nPro  Self-prepared  Visits to\nIRS.gov  \
0  138356000.0   135724000.0   72201000.0     63523000.0          591742000.0
1  136069000.0   134531000.0   71327000.0     63204000.0          571496000.0
2  118114000.0   115734000.0   63318000.0     52416000.0          533981000.0
3  100110000.0    98421000.0   53157000.0     45264000.0          497397000.0
4   88800000.0    87369000.0   46302000.0     41068000.0          467978000.0

        Number  Amount\n(in billions of dollars)  Average\nrefund    Number.1  \
0  91359000.0                            260.56            2852.0  84661000.0
1  86058000.0                            245.23            2850.0  80028000.0
2  74685000.0                            220.15            2948.0  70369000.0
3  66799000.0                            201.12            3011.0  63445000.0
4  60858000.0                            185.64            3050.0  58126000.0
```

```
   Proportion e-file   Proportion Paper Filing
0            0.960110                  0.039890
1            0.966896                  0.033104
2            0.967740                  0.032260
3            0.966342                  0.033658
4            0.967381                  0.032619
Number of tax returns received by IRS in 2023: 1753135000.0
```