

```
"""
```

Excel Files:

Extension:

(xls) or (xlsx)

Workbook: A Group of worksheets

Worksheet: An Excel sheet containing data.

```
"""
```

```
import openpyxl
```

```
from openpyxl import workbook
```

```
from openpyxl.workbook import Workbook
```

```
# Writing Content to Excel Files
```

```
"""
```

```
wb = workbook.Workbook()
```

```
ws = wb.create_sheet()
```

```
ws["A1"] = "Value1"
```

```
ws.cell(row=1, column=2).value = "Value2"
```

```
wb.save("./demo.xlsx")
```

```
"""
```

```
# Reading Content from Excel File
```

```
wb = openpyxl.load_workbook("./demo.xlsx")
```

```
# ws = wb.active
```

```
ws = wb.get_sheet_by_name(wb.sheetnames[1])
```

```
cell1_content = ws.cell(row=1, column=2).value
```

```
print(cell1_content)
```

```
import pandas as pd
```

```
df = pd.read_excel("./demo.xlsx", sheet_name="Sheet1")
```

```
print(df.head())
```

```
import pandas as pd
```

```
data = {'Name': ['Alice', 'Bob'], 'Age': [25, 30]}
```

```
df = pd.DataFrame(data)
```

```
df.to_excel('output.xlsx', index=False) # index=False prevents writing the  
DataFrame index to Excel
```