

Converting TeX and LaTeX to PDF

CLI Tools

- For LaTeX:

```
– pdflatex  
pdflatex filename.tex
```

- For TeX:

```
– tex  
tex filename.tex dvipdf filename.dvi
```

Python Methods

- Using subprocess:

```
import subprocess  
  
def compile_tex(filename):  
    subprocess.run(['pdflatex', filename])
```

- Using pylatex:

```
from pylatex import Document, Section  
  
doc = Document()  
with doc.create(Section('International Young Mathematicians\' Convention')):  
    doc.append('Date: August 2023\n')  
doc.generate_pdf('example', clean_tex=False)
```