Convert HTML to PDF with Python

PDF is one of the most used digital format to save or transfer documents. In this article, we will learn how to convert HTML page to PDF.

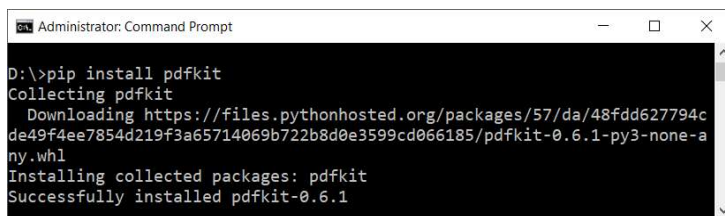## What additional libraries or software do we need?

We will use pdfkit library and wkhtmltopdf.

Install pdfkit

To install **pdfkit**, run the following pip command.

```
pip install pdfkit
```

Run this program ONLINE

Install pdfkit library

Install wkhtmltopdf

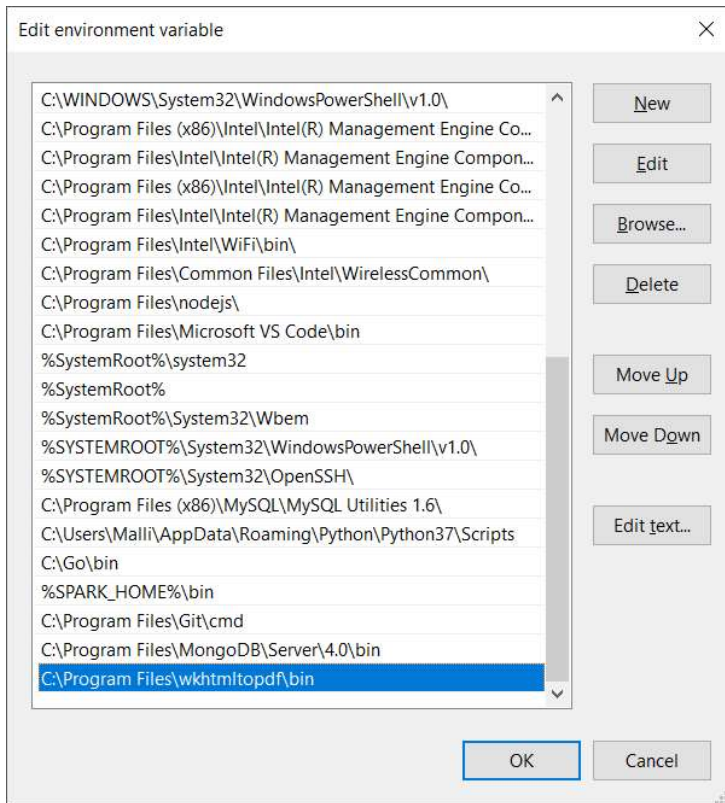Ubuntu or Debian users can install wkhtmltopdf using below apt-get command.

```
sudo apt-get install wkhtmltopdf
```

Run this program ONLINE

Provide the password if prompted.

Windows users can download wkhtmltopdf from this official github repository wkhtmltopdf. The file size would be around 25MB and takes a moment to download.

Once downloaded, double click on the binary file and continue with the installation. It would be mostly installed at the path `C:\Program Files\wkhtmltopdf`. We should add bin folder to the system PATH variable in Environment Variables. For example, `C:\Program Files\wkhtmltopdf\bin`.

Adding wkhtmltopdf/bin to Path environment variable.

Restart the command prompt, if you are running the python program using command prompt python command for the Path to take effect.
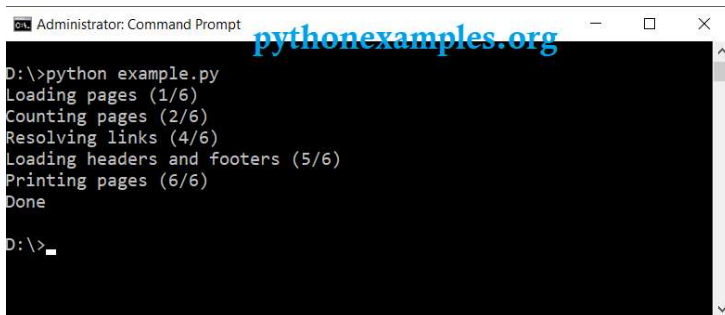
Example 1: HTML to PDF using URL

Now that the environment is setup, following is a simple example to convert HTML to PDF, where HTML is downloaded from a URL. We use the function from_url().

```
import pdfkit

pdfkit.from_url('https://www.google.com/','sample.pd
```

Run this program ONLINE

The converted PDF file is saved to the current path in the command prompt or terminal.

Output pdf file would look like