```
 1 !sudo apt-get update
 2 !sudo apt-get install -y \
 3   libwoff2dec1 \
 4   libgstgl-1.0-0 \
 5   libgstcodecparsers-1.0-0 \
 6   libavif13 \
 7   libharfbuzz-icu0 \
 8   libenchant2-2 \
 9   libsecret-1-0 \
10   libhyphen0 \
11   libmanette0.2 \
12   libgtk-3-0 \
13   libevent-2.1-7
```

```
Get:1 https://cloud.r-project.org/bin/linux/ubuntu jammy-cran40/ InRelease [3,632 B]
Get:2 https://developer.download.nvidia.com/compute/cuda/repos/ubuntu2204/x86_64  InRelease [1,581 B]
Get:3 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Hit:4 http://archive.ubuntu.com/ubuntu jammy InRelease
Get:5 https://r2u.stat.illinois.edu/ubuntu jammy InRelease [6,555 B]
Get:6 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:7 https://developer.download.nvidia.com/compute/cuda/repos/ubuntu2204/x86_64  Packages [1,683 kB]
Hit:8 https://ppa.launchpadcontent.net/deadsnakes/ppa/ubuntu jammy InRelease
Hit:9 https://ppa.launchpadcontent.net/graphics-drivers/ppa/ubuntu jammy InRelease
Get:10 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:11 https://r2u.stat.illinois.edu/ubuntu jammy/main amd64 Packages [2,729 kB]
Get:12 https://ppa.launchpadcontent.net/ubuntugis/ppa/ubuntu jammy InRelease [24.6 kB]
Get:13 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [2,944 kB]
Get:14 https://r2u.stat.illinois.edu/ubuntu jammy/main all Packages [8,958 kB]
Get:15 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [4,387 kB]
Get:16 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [1,245 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [3,255 kB]
Get:18 https://ppa.launchpadcontent.net/ubuntugis/ppa/ubuntu jammy/main amd64 Packages [77.3 kB]
Get:19 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [4,540 kB]
Get:20 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1,552 kB]
Get:21 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [35.2 kB]
Get:22 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [83.2 kB]
Fetched 31.9 MB in 5s (6,458 kB/s)
Reading package lists... Done
W: Skipping acquire of configured file 'main/source/Sources' as repository 'https://r2u.stat.illinois.edu/ubuntu jammy InRelease' doe
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package libwoff2dec1
E: Unable to locate package libgstgl-1.0-0
E: Couldn't find any package by glob 'libgstgl-1.0-0'
E: Couldn't find any package by regex 'libgstgl-1.0-0'
E: Unable to locate package libgstcodecparsers-1.0-0
E: Couldn't find any package by glob 'libgstcodecparsers-1.0-0'
E: Couldn't find any package by regex 'libgstcodecparsers-1.0-0'
E: Unable to locate package libenchant2-2
E: Unable to locate package libmanette0.2
E: Couldn't find any package by glob 'libmanette0.2'
E: Couldn't find any package by regex 'libmanette0.2'
```

```
 1 !npx playwright install-deps
 2
```

```
/sbin/ldconfig.real: /usr/local/lib/libhwloc.so.15 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libtbbbind_2_5.so.3 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libtbb.so.12 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libur_adapter_level_zero.so.0 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libtbbmalloc.so.2 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libtbbbind_2_0.so.3 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libtcm.so.1 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libur_adapter_opencl.so.0 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libtbbmalloc_proxy.so.2 is not a symbolic link

/sbin/ldconfig.real: /usr/local/lib/libur_loader.so.0 is not a symbolic link

⋮
```

```
1 !pip install playwright
2 !python -m playwright install
```

```
Collecting playwright
  Downloading playwright-1.52.0-py3-none-manylinux1_x86_64.whl.metadata (3.5 kB)
Collecting pyee<14,>=13 (from playwright)
  Downloading pyee-13.0.0-py3-none-any.whl.metadata (2.9 kB)
Requirement already satisfied: greenlet<4.0.0,>=3.1.1 in /usr/local/lib/python3.11/dist-packages (from playwright) (3.2.2)
Requirement already satisfied: typing-extensions in /usr/local/lib/python3.11/dist-packages (from pyee<14,>=13->playwright) (4.13.2)
Downloading playwright-1.52.0-py3-none-manylinux1_x86_64.whl (45.1 MB)
                                ───────── 45.1/45.1 MB 31.5 MB/s eta 0:00:00
Downloading pyee-13.0.0-py3-none-any.whl (15 kB)
Installing collected packages: pyee, playwright
Successfully installed playwright-1.52.0 pyee-13.0.0
Downloading Chromium 136.0.7103.25 (playwright build v1169) from https://cdn.playwright.dev/dbazure/download/playwright/builds/chromi
167.7 MiB [] 0% 0.0s167.7 MiB [] 0% 35.1s167.7 MiB [] 0% 21.6s167.7 MiB [] 0% 11.7s167.7 MiB [] 1% 5.9s167.7 MiB [] 1% 4.2s167.7 MiB
Chromium 136.0.7103.25 (playwright build v1169) downloaded to /root/.cache/ms-playwright/chromium-1169
Downloading Chromium Headless Shell 136.0.7103.25 (playwright build v1169) from https://cdn.playwright.dev/dbazure/download/playwrigh
101.4 MiB [] 0% 0.0s101.4 MiB [] 0% 17.1s101.4 MiB [] 0% 10.9s101.4 MiB [] 0% 5.9s101.4 MiB [] 1% 4.4s101.4 MiB [] 2% 3.6s101.4 MiB [
Chromium Headless Shell 136.0.7103.25 (playwright build v1169) downloaded to /root/.cache/ms-playwright/chromium_headless_shell-1169
Downloading Firefox 137.0 (playwright build v1482) from https://cdn.playwright.dev/dbazure/download/playwright/builds/firefox/1482/fi
91 MiB [] 0% 0.0s91 MiB [] 0% 10.0s91 MiB [] 0% 4.6s91 MiB [] 1% 2.6s91 MiB [] 3% 1.9s91 MiB [] 5% 1.5s91 MiB [] 7% 1.3s91 MiB [] 8%
Firefox 137.0 (playwright build v1482) downloaded to /root/.cache/ms-playwright/firefox-1482
Downloading Webkit 18.4 (playwright build v2158) from https://cdn.playwright.dev/dbazure/download/playwright/builds/webkit/2158/webki
93.8 MiB [] 0% 0.0s93.8 MiB [] 0% 18.6s93.8 MiB [] 0% 10.2s93.8 MiB [] 1% 4.7s93.8 MiB [] 2% 2.7s93.8 MiB [] 4% 2.0s93.8 MiB [] 5% 1.
Webkit 18.4 (playwright build v2158) downloaded to /root/.cache/ms-playwright/webkit-2158
Downloading FFMPEG playwright build v1011 from https://cdn.playwright.dev/dbazure/download/playwright/builds/ffmpeg/1011/ffmpeg-linux
2.3 MiB [] 0% 0.0s2.3 MiB [] 4% 0.4s2.3 MiB [] 20% 0.1s2.3 MiB [] 59% 0.0s2.3 MiB [] 99% 0.0s2.3 MiB [] 100% 0.0s
FFMPEG playwright build v1011 downloaded to /root/.cache/ms-playwright/ffmpeg-1011
```

```
1 from playwright.sync_api import sync_playwright
2
```

```
 1 import asyncio
 2 from playwright.async_api import async_playwright
 3
 4 async def run():
 5     async with async_playwright() as p:
 6         browser = await p.chromium.launch()
 7         page = await browser.new_page()
 8         await page.goto("https://finance.yahoo.com/quote/AAPL/")
 9         content = await page.content()
10
11         # Save content to file
12         with open("page_content.html", "w", encoding="utf-8") as f:
13             f.write(content)
14
15         print("Content saved to page_content.html")
16         await browser.close()
17
18 await run()
19
```

```
Content saved to page_content.html
```

```
1 Start coding or generate with AI.
```