

The simplest way to use urllib.request is as follows:

Exp.1:

```
import urllib.request

with urllib.request.urlopen('https://www.kau.edu.sa/Home.aspx') as response:
    html = response.read()
    print(html)
```

The ('https://www.kau.edu.sa/Home.aspx') it's an example for a web that we want to search about it.

After running the code, we will get all subsites from the main site as shown in the figures below.

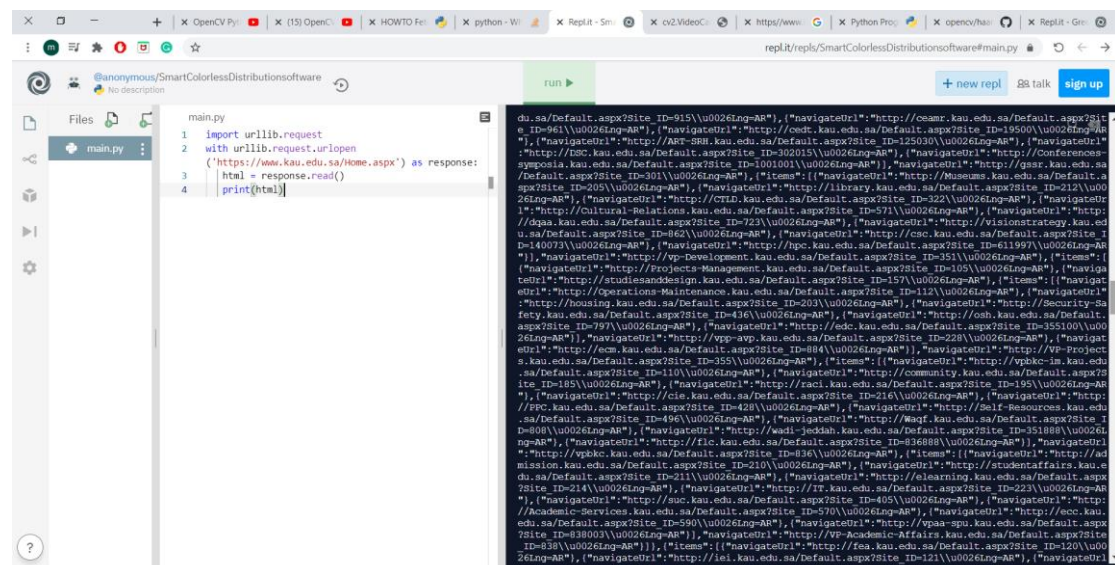


Figure 1

```

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```

Figure 2

Exp.2:

```

import urllib.request
with urllib.request.urlopen('https://www.kau.edu.sa/Home.aspx') as
response:
    html = response.read()
    print(html)

    url = ('https://www.kau.edu.sa/Home.aspx')
values = {'s': 'basic', 'submit' : 'search'}
data = urllib.parse.urlencode(values)
data = data .encode('utf-8')
req = urllib.request.Request(url,data)
resp = urllib.request.urlopen(req)
respData = resp.read()

print (respData)

```

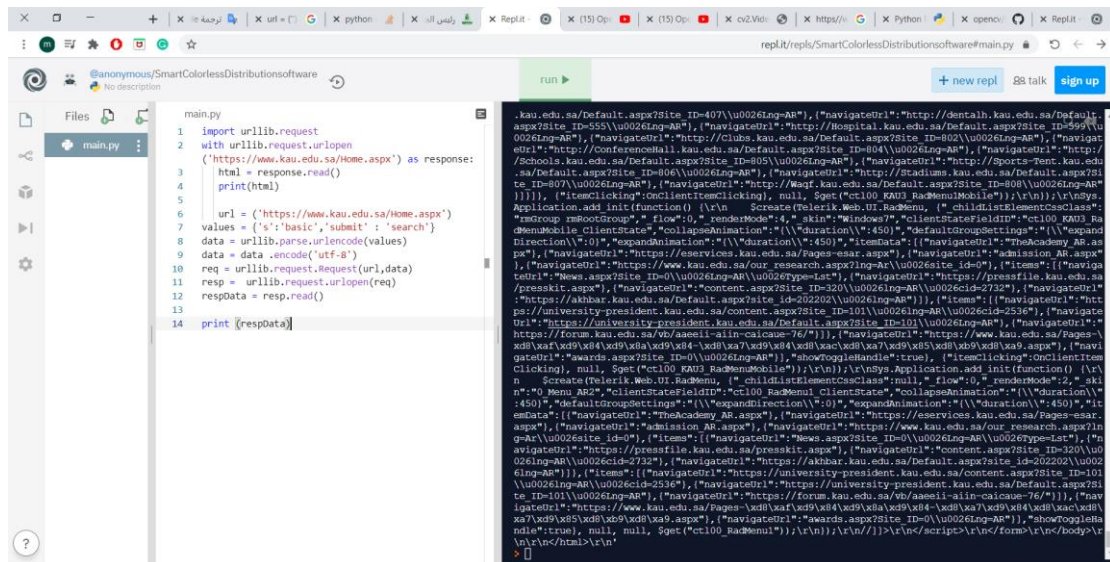
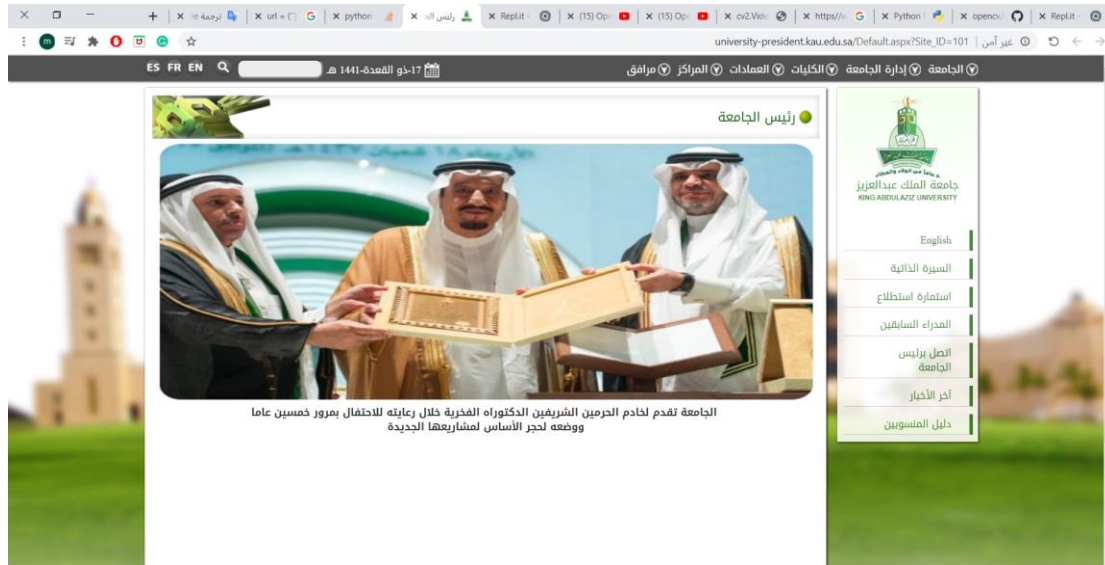


Figure 3



Figure 4

Since I click on one of the links above I will go to the main site as shown below.



Reference:

- 1- <https://repl.it/repls/SmartColorlessDistributionsoftware#main.py>
- 2- <https://stackoverflow.com/questions/2018026/what-are-the-differences-between-the-urllib-urllib2-urllib3-and-requests-modul>
- 3- <https://www.youtube.com/watch?v=5GzVNi0oTxQ>