

```
In [6]: # Get the root html node from the http response in task 1
```

```
{html_document}
<html class="client-nojs" lang="en" dir="ltr">
[1] <head>\n<meta http-equiv="Content-Type" content="text/html; charset=UTF-8 ...
[2] <body class="mediawiki ltr sitedir-ltr mw-hide-empty-elt ns-10 ns-subject ...
```

```
In [7]: # Get the table node from the root html node
table_url<-'https://en.wikipedia.org/w/index.php?title=Template%3ACOVID-19_testing_by_country'
root_node<-read_html(table_url)
table_node<-html_node(root_node, "table")
table_node
```

```
{html_node}  
<table class="wikitable plainrowheaders sortable collapsible autocollapse">  
[1] <caption>\n<style data-mw-deduplicate="TemplateStyles:r1063604349">.mw-pa ...  
[2] <tbody>\n<tr>\n<th>Country or region\n</th>\n<th>Date<sup id="cite ref-1" ...
```

```
In [15]: # Read the table node and convert it into a data frame, and print the data frame for review
covid_data_frame<-html_table(table_node)
head(covid_data_frame)
```

FileEditViewInsertCellKernelHelp

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In [7]:

```
# Get the table node from the root html node
table_url<- 'https://en.wikipedia.org/w/index.php?title=Template%3ACOVID-19_testing_by_country'
root_node<-read_html(table_url)
table_node<-html_node(root_node, "table")
table_node

{html_node}
<table class="wikitable plainrowheaders sortable collapsible autocollapse">
[1] <caption>\n<style data-mw-deduplicate="TemplateStyles:r1063604349">.mw-pa ...
[2] <tbody>\n<tr>\n<th>Country or region\n</th>\n<th>Date<sup id="cite_ref-1" ...

Read the table node as a data frame using html_table function
```

In [15]:

```
# Read the table node and convert it into a data frame, and print the data frame for review
covid_data_frame<-html_table(table_node)
head(covid_data_frame)
```

Country or region	Date[a]	Tested	Units[b]	Confirmed(cases)	Confirmed /tested,%	Tested /population,%	Confirmed /population,%	Ref.
Afghanistan	17 Dec 2020	154,767	samples	49,621	32.1	0.40	0.13	[1]
Albania	18 Feb 2021	428,654	samples	96,838	22.6	15.0	3.4	[2]
Algeria	2 Nov 2020	230,553	samples	58,574	25.4	0.53	0.13	[3][4]
Andorra	23 Feb 2022	300,307	samples	37,958	12.6	387	49.0	[5]
Angola	2 Feb 2021	399,228	samples	20,981	5.3	1.3	0.067	[6]
Antigua and Barbuda	6 Mar 2021	15,268	samples	832	5.4	15.9	0.86	[7]