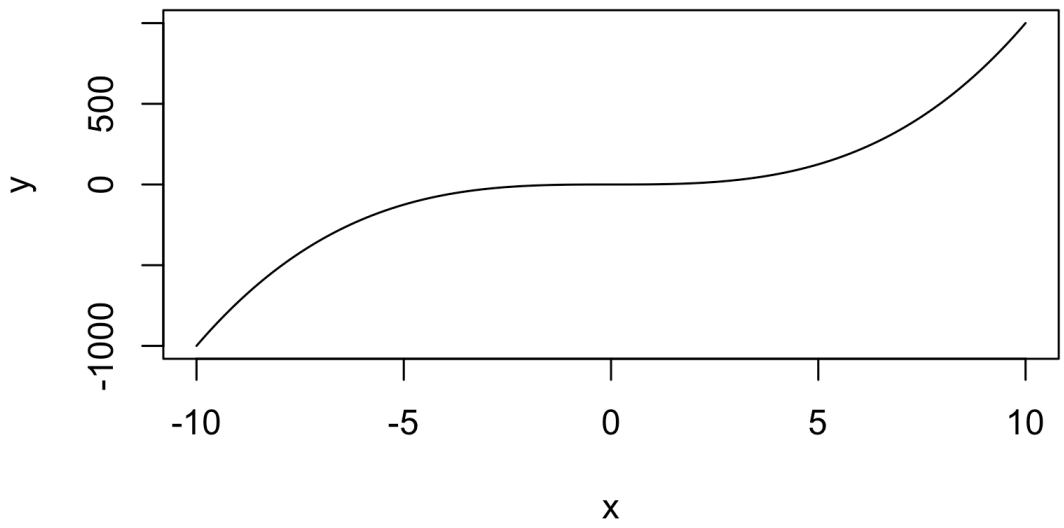
An effectively multi-engine Quarto document using the embed shortcode

R

```r
print("Hello World, from R")
```

```
[1] "Hello World, from R"
```

```r
x <- seq(-10,10, by = 0.1)
y <- x ^ 3
plot(x, y, type = "l")
```



Python

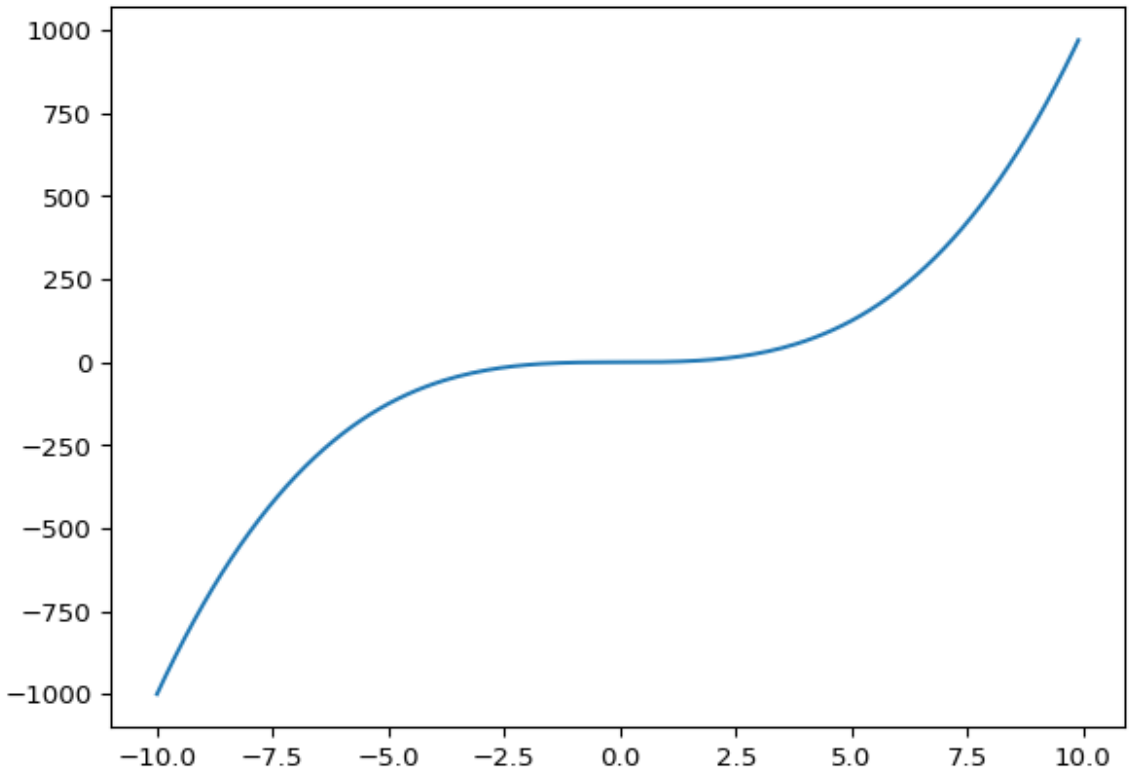
```
print("Hello World, from Python")
```

```
Hello World, from Python
```

```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.arange(-10, 10, 0.1)
ypoints = np.power(xpoints, 3)

plt.plot(xpoints, ypoints)
plt.show()
```



Stata

```
display "Hello World, from Stata"
```

```
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```
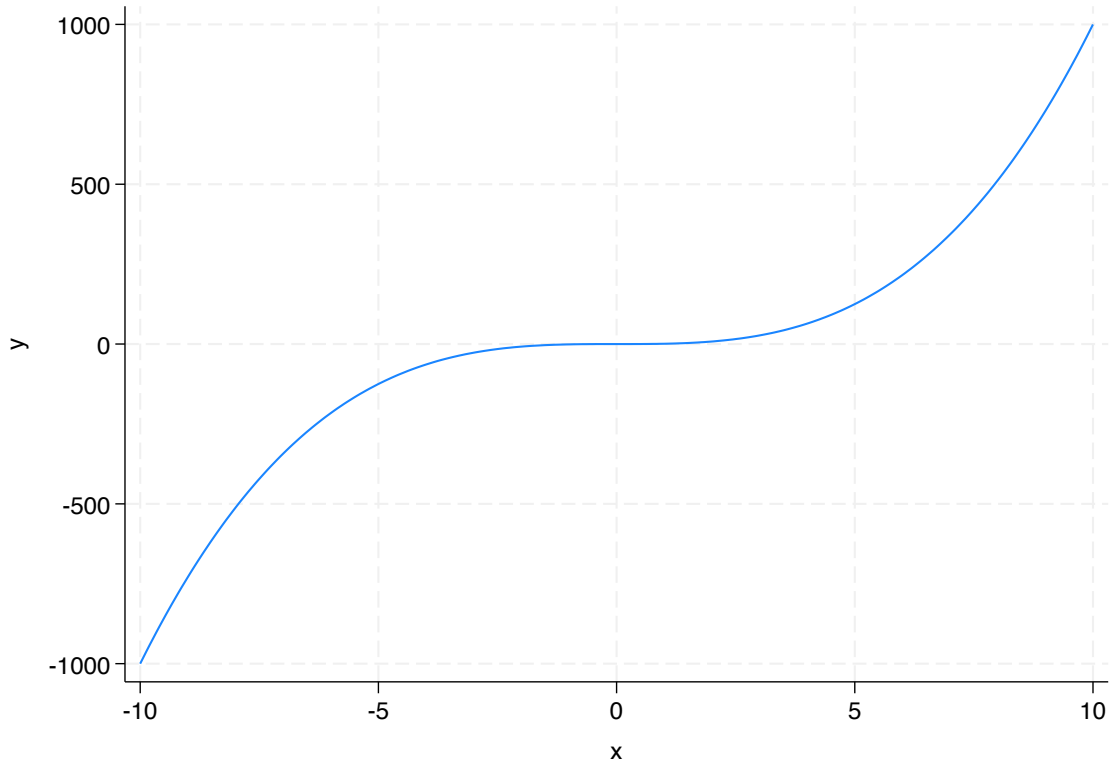

```
Hello World, from Stata
```

```
graph twoway function x^3, range(-10 10)
```



Julia

```julia
println("Hello World, from Julia")
```

```
Hello World, from Julia
```

```julia
using Plots
x = range(-10, 10, length=1000)
y = x .^ 3
display(plot(x, y))
```

```
Precompiling QuartoNotebookWorkerPlotsExt...
   1866.5 ms    QuartoNotebookWorker → QuartoNotebookWorkerPlotsExt
  1 dependency successfully precompiled in 2 seconds. 190 already precompiled.

Unable to display output for mime type(s): text/html
```