Range of 100 value from 0 to 1

In [ ]:
```
#import mathplotlib.pyplot as plt for ploting later
import matplotlib.pyplot as plt

#numpy for linspace
import numpy as np

#ranger function takes linspace from 0.0 to 1.0 with 100 values and returns it
def ranger():
    x = np.linspace(0.0,1.0,num = 100)
    return x
```

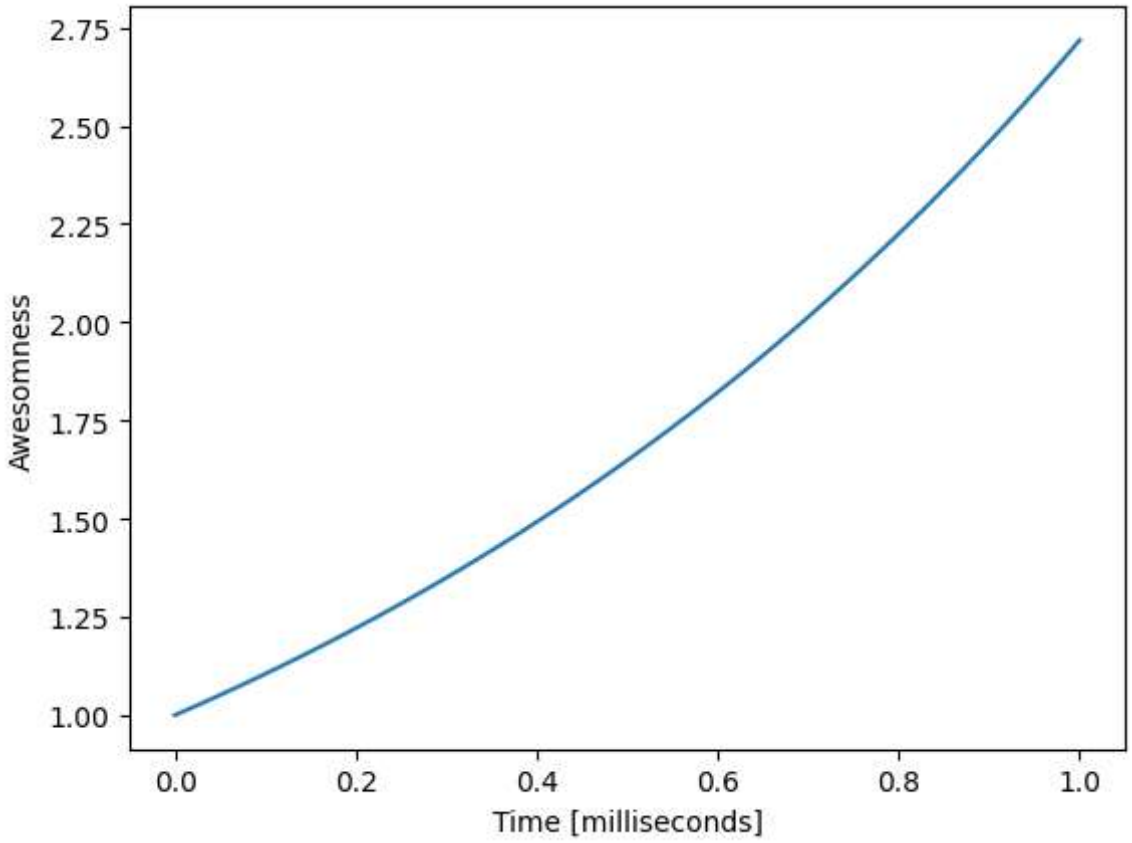
Exp(x)

In [ ]:
```
#we take e from math
from math import e

#exp(x) is e^x
#so we take in x and find the e**x and return that as a float
def exp(x):
    y = float(e**x)
    return y
```

Ploting the graph of x vs exp(x)

In [ ]:
```
#we create x as ranger function and y as an empty list
#we then do for loop in all of the members of x and find the exp of them
#then we plot x vs exp(x) with plt.plot
#we also add x and y labels with plt.xlabel() and plt.ylabel() Functions to add "Ti
def main():
    x = ranger()
    y = []
    for i in x:
        y.append(exp(i))
    plt.plot(x,y)
    plt.xlabel("Time [milliseconds]")
    plt.ylabel("Awesomness")
if __name__ == "__main__":
    main()
```


2.75
2.50
2.25
2.00
1.75
1.50
1.25
1.00
Awesomness
0.0
0.2
0.4
0.6
0.8
1.0
Time [milliseconds]