In [5]:
```
import numpy as np
import matplotlib.pyplot as plt
```

In [7]:
```
x = np.linspace(0, 1, 100)

def exp_func(x):
    return np.exp(x)
```

In [11]:
```
y = exp_func(x)
```

In [14]:
```
plt.figure(figsize=(10, 5))
plt.plot(x, y, label='exp(x)', color='black')

plt.xlabel('Time [milliseconds]')
plt.ylabel('Awesomeness')
plt.title('Exponential Growth of Awesomeness Over Time')
plt.legend()

plt.savefig('exp_plot.pdf')


plt.show()
```