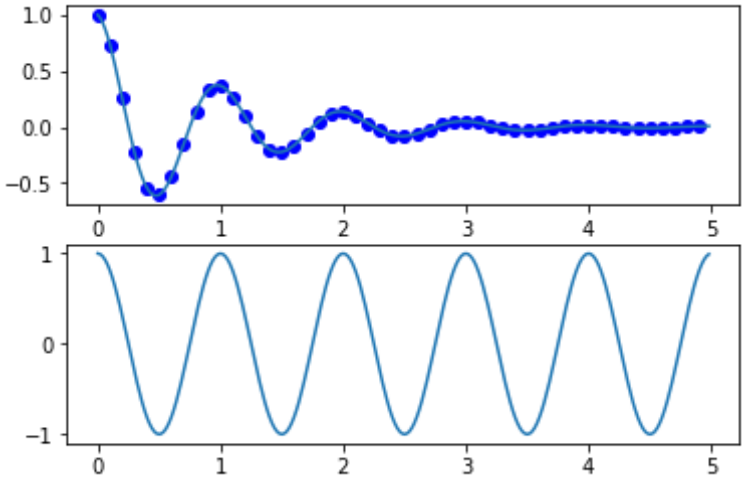
In [1]:
```
import numpy as np
import matplotlib.pyplot as plt
```

In [2]:
```
def f(t):
    return np.exp(-t) * np.cos(2*np.pi*t)
```

In [3]:
```
t1 = np.arange(0.0,5.0,0.1)
t2 = np.arange(0.0,5.0,0.02)
```

In [4]:
```
plt.subplot(211)
plt.plot(t1,f(t1),'bo',t2,f(t2))

plt.subplot(212)
plt.plot(t2,np.cos(2*np.pi*t2))
plt.show()
```



In [ ]:
```
```