```
t1 = 5
t2 = 5.0001

average_velocity = (4.9*t2**2 - 4.9*t1**2)/(t2-t1)

print(average_velocity)
```

```
49.00048999996949
```

```
import numpy as np

t = 0.001

F = (np.sqrt(t**2+9)-3)/(t**2)

print(F)
```

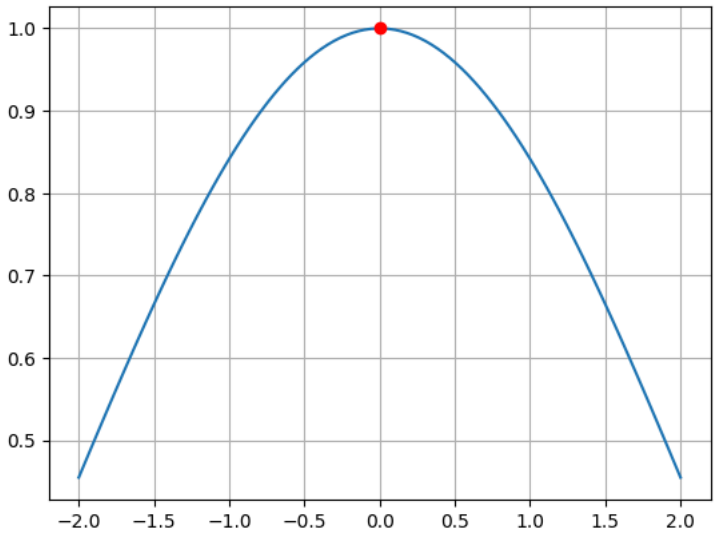
```
0.1666666618049817
```

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

x = np.linspace(-2,2,100)

f = lambda x: np.sin(x)/x

plt.plot(x,f(x))
plt.plot(0,1,'ro')
plt.grid(True)
plt.show()
```




```
Start coding or generate with AI.
```