Code-journal9

February 8, 2024

[ ]:
```
import matplotlib.pyplot as plt
import numpy as np
%matplotlib inline
```

[ ]:
```
n = 1000
x = np.random.uniform(0,1,n)

width = 0.5
histmin = np.floor(min(x))
histmax = np.ceil(max(x)) + width

bins = np.arange(histmin,histmax,width)
plt.hist(x,bins=100,alpha=0.5,edgecolor="black")
plt.xlabel('x')
plt.ylabel('y')
plt.savefig('histogram.png',bbox_inches='tight',dpi=600)
plt.show()
```

[ ]:
```

```