Uniform Histogram

```python
#imports for numpy and matplotlib usage
import numpy as np
import matplotlib.pyplot as plt
%matplotlib inline
```

```python
#set n to 1000 for 1000 random numbers between 0 and 1
n = 1000

#Creates uniform random between 0 and 1
x = np.random.uniform(low=0.0, high=1.0, size=n)

#plotting for histogram, idea from professor
#bins set to 100 for the 100 bins, inspired from:https://stackoverflow.com/question
plt.hist(x, bins = 100,alpha = 0.5, edgecolor = 'black')

# labeling x axis as x
plt.xlabel('x')

#labeling y axis as y
plt.ylabel('y')

#titling the histogram as Histogram
plt.title('Uniform Histogram')
```

Out[ ]: Text(0.5, 1.0, 'Uniform Histogram')

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