# Untitled

February 7, 2018

In [1]:
```
# coding: utf-8
```

```
# In[24]:
```

```
import pylab as pl
```

```
# In[25]:
```

```
import numpy as np
```

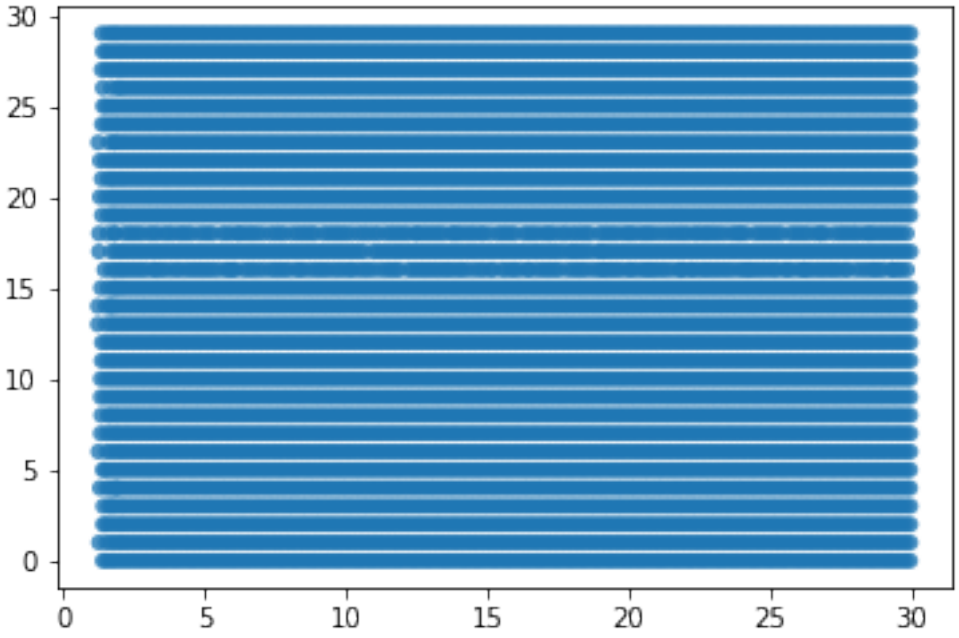
```
# In[26]:
```

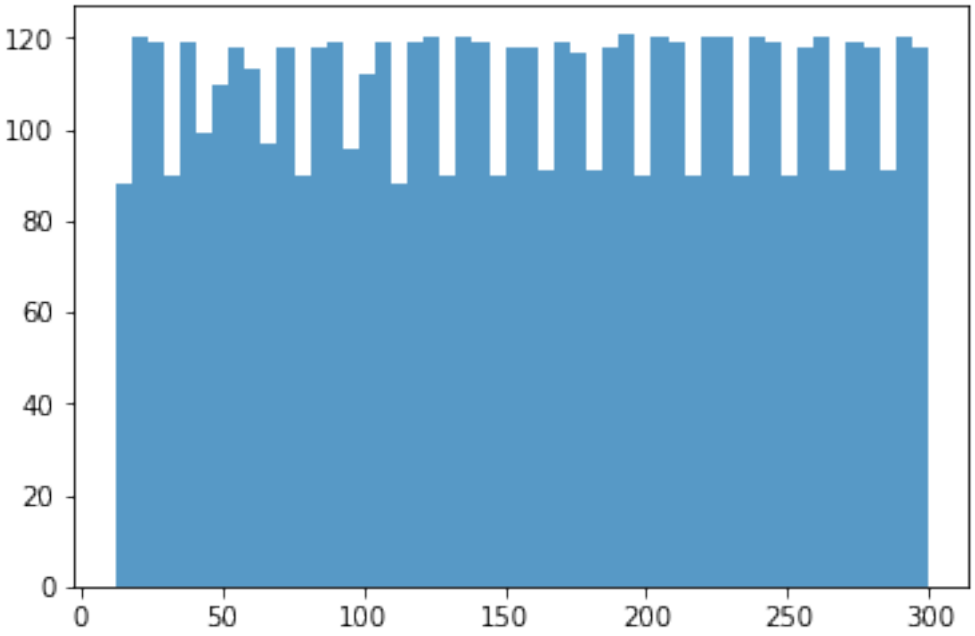
```
data = np.genfromtxt('data.txt')
```

```
# In[27]:
```

```
select= np.array([d for d in data if d[1] < 30])
data1 = select.transpose()
pl.scatter(0.1 * data1[0], data1[1], alpha =0.8, edgecolors ='none');
pl.show();

n, bins, patches = pl.hist(data1[0], 50, normed=0, alpha=0.75);
pl.show();
```


30
25
20
15
10
5
0
0
5
10
15
20
25
30


120
100
80
60
40
20
0
0
50
100
150
200
250
300