

```

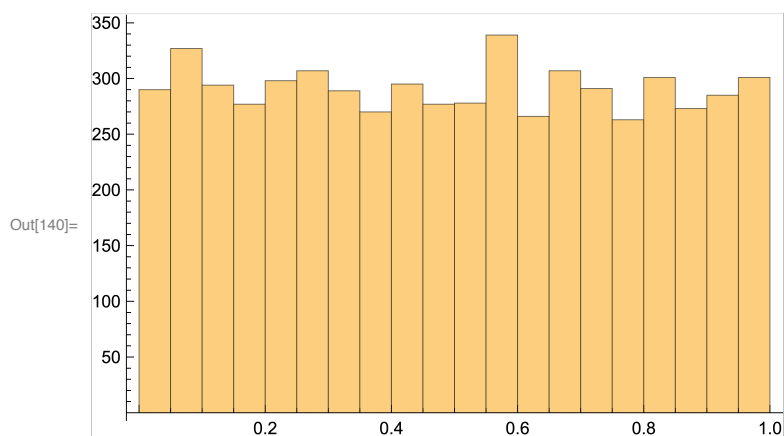
In[136]:= SetDirectory["/Users/jacobsnyder/Documents/CALTECH/Sophomore/Term 2/Ma3"]
a = Flatten[Import["Random32.txt", "Table"]];
Mean[a]
StandardDeviation[a]
g = Histogram[a]
Export["Set2Problem6Plot1.pdf", g]
g = Histogram[a, {0, 1, 0.01}]
Export["Set2Problem6Plot2.pdf", g]

```

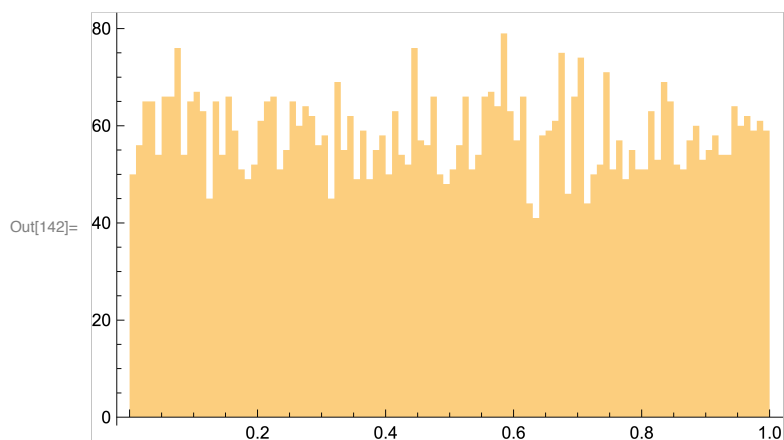
Out[136]= /Users/jacobsnyder/Documents/CALTECH/Sophomore/Term 2/Ma3

Out[138]= 0.496576

Out[139]= 0.289859



Out[141]= Set2Problem6Plot1.pdf



Out[143]= Set2Problem6Plot2.pdf

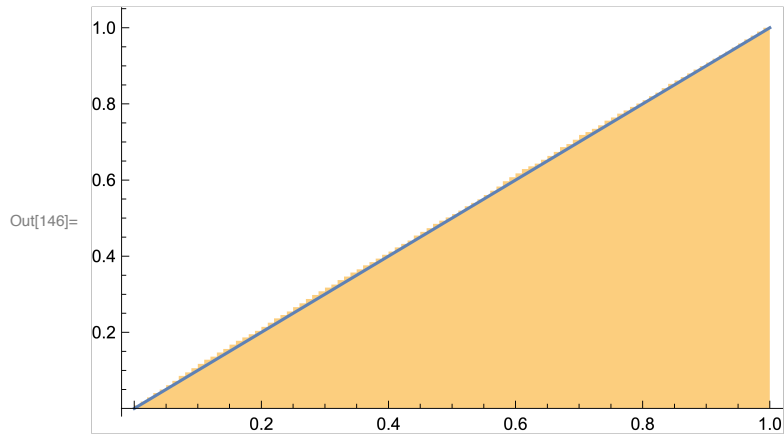
```

In[120]:= Uniform[0, 1]

```

Out[120]= Uniform[0, 1]

```
In[144]:= g = Histogram[a, {0, 1, 0.01}, "CDF"];  
g1 = Plot[x, {x, 0, 1}];  
Show[g, g1]  
Export["Set2Problem6Plot3.pdf", g]
```



Out[147]= Set2Problem6Plot3.pdf