

Exercise for $\alpha=5$

Solution

1 Exercise 1

Here is a distribution of width $\alpha = 5$ defined with `python`. Now do your stuff.

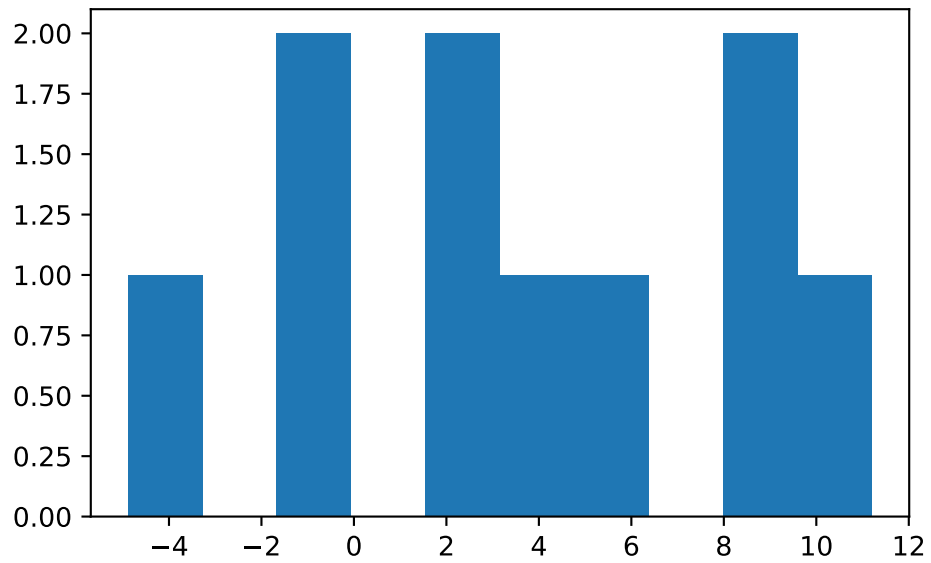
```
distribution = np.random.normal(0, alpha, 10)
print(distribution)
```

```
[ 8.82026173  2.00078604  4.89368992 11.204466    9.33778995 -4.8863894
 4.75044209 -0.75678604 -0.51609426  2.05299251]
```

1.1 Solution

Here is the solution with some maths : $\alpha = 5$, and some code and graphs:

```
plt.hist(distribution)
plt.show()
```



2 Exercise 2

Do some other stuff.

2.1 Solution

Here is the solution to the second exercise.