

Exercise for $\alpha=5$

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]
```

And here we define it with R:

```
rdistribution <- rnorm(10, mean=0, sd=alpha)
rdistribution
```

```
#> [1]  6.31477142 -1.63116680  6.64899631  6.36214661  2.07320717 -7.69975021
#> [7] -4.64283517 -1.47360223 -0.02883586 12.02326694
```

2 Exercise 2

Do some other stuff.