warmups.py

```
import numpy as np
def w1(X):
def w2(X, Y):
def w3(X, Y):
```

```
def w4(X, Y):
def w5(X):
def w6(X, Y):
```

```
def w7(X):
def w8(N):
```

```
def w9(X):
def w10(N):
def w11(A, v):
```

```
def w12(A, v):
def w13(u, v):
def w14(v):
```

```
def w15(X, i):
def w16(X):
def w17(X):
def w18(X):
```

```
11 11 11
def w19(X):
def w20(X):
```

tests.py

```
import numpy as np
def t1(L):
def t2(X):
```

```
def t3(X):
def t4(R, X):
```

```
def t5(X):
def t6(N):
```

```
def t7(X):
def t8(X):
```

```
def t9(q, k, v):
def t10(Xs):
```

```
def t11(X):
```

```
def t12(X, Y):
```

```
def t13(q, V):
def t14(X, y):
def t15(X, Y):
```

```
def t16(X):
```

```
def t17(X):
def t18(N, r, x, y):
```

```
def t19(N, s, x, y):
def t20(N, v):
```

```
(The sign of the numerator tells which side the point is on)

2) np.abs

"""

return None
```

python run.py --alltests

Running t1

Running t2

Running t3

Running t4

Running t5

Running t6

Running t7

Running t8

Running t9

Running t10

Running t11

Running t12

Running t13

Running t14

Running t15

Running t16

Running t17

Running t18

Not implemented t18 or returned None on seed 442

Running t19

Not implemented t19 or returned None on seed 442

Running t20

Not implemented t20 or returned None on seed 442

Ran all tests

17/20 = 85.0

python run.py --allwarmups

- Running w1
- Running w2
- Running w3
- Running w4
- Running w5
- Running w6
- Running w7
- Running w8
- Running w9
- Running w10
- Running w11
- Running w12
- Running w13
- Running w14
- Running w15
- Running w16
- Running w17
- Running w18
- Running w19
- Running w20
- Ran warmup tests
- 20/20 = 100.0