

Stuart Harley

Exercise 2

countPositive)

```
*Main> countPositive [3,-4,5]
8
*Main> countPositive []
0
*Main> countPositive [-1, -2]
0
*Main> countPositive [1,1,1,1]
4
```

countPositive2)

```
*Main> countPositive2 [3,-4,5]
8
*Main> countPositive2 []
0
*Main> countPositive2 [-1, -2]
0
*Main> countPositive2 [1,1,1,1]
4
```

totalCapacity)

```
*Main> capacity Car
5
*Main> capacity Bicycle
1
*Main> capacity (Bus 4)
4
*Main> capacity (Bus (-4))
0
*Main> totalCapacity [Car, Car, Bicycle]
11
*Main> totalCapacity []
0
*Main> totalCapacity [Car, Bicycle, Bus 5]
11
*Main> totalCapacity [Bus 2, Bus 7]
9
```

foot)

```
*Main> foot []
*** Exception: foot: empty list
CallStack (from HasCallStack):
  error, called at C:\Users\harleys\Prog_Lang_Trans\Exercise2\ex2.hs:22:11 in main:Main
*Main> foot ['x']
'x'
*Main> foot ['x', 'y']
'y'
*Main> foot [9,10,11,12]
12
```