









# Awk has a rich library of functions

Function	Behavior
substr	Extract a substring from a string
split	Split up a string according to separator characters
index	Find a string inside of another string
length	Return the length of a string
strtonum	Convert a string to a number
sprintf	Create a string from data according to a format
sub	Replace a part of a string with another string

There are many more functions!

# Sample problem 1

Download “`exampleR1.fastq`” and “`exampleR2.fastq`”

Write an awk command that prints the name and length of each read in `exampleR1.fastq`. Write output to `exampleR1.n1.tsv`