

Morgan
Fissel

HW05

1 $f(\text{"coat"}) = 4$

$$f(\text{"alpha"}) = 4$$

$$f(\text{"alphabet"}) = 6$$

~~$$f(\text{"alphabet"}) = 10$$~~

$$f(\text{"beta"}) = 8$$

$f(\text{"open"}) = 10$, calculated by ^{first} taking ~~the~~ each character of the string and ~~the~~ converting it to Unicode, then summing the character's unicode conversion. Then to modulo that sum ~~to give it~~ ~~our filter~~ by the size of the filter, and then encoded into the filter.