$$h(n) = \sum_{d|N} f(d) = (N-1)(N-2)$$

$$f(n) = \sum_{d|N} \mu(d) h(rac{N}{d})$$

$$g(i) = 1$$

$$(fst g)(n)=\sum_{i=1}^n\sum_{d|n}f(d)g(rac{n}{d})$$

$$=\sum_{d=1}^n g(d) \sum_{i=1}^{\lfloor rac{n}{d}
floor} f(i)$$

$$=\sum_{d=1}^n g(d) S(\lfloor rac{n}{d}
floor)$$

$$g(1)S(n) = \sum_{d=1}^n g(d)S\left(\left\lfloor rac{n}{d}
ight
floor
ight) - \sum_{d=2}^n g(d)S\left(\left\lfloor rac{n}{d}
ight
floor
ight)$$

$$=\sum_{i=1}^n h(i) - \sum_{i=2}^n S(\left\lfloor rac{n}{i}
ight
floor)$$