

Nama : Arief Maulidy N

NIM : G64140075

1. #lang racket
(define(jumlah(a b)
 (if(null? a)0
 (+*(-(car a) (car b)) (-(car a) (car b))) (jumlah(cdr a) (cdr b)))
)
)

(define (euclid a b)
 (sqrt(jumlah a b))
)
2. #lang racket
(define(ngilangin x)
 (cond((null?(cdr x))x)
 ((=(car x) (cadr x)) (ngilangin(cdr x)))
 (else (cons(car x) (ngilangin (cdr x)))))
)
)
3. (define (sama a y)
 (if(or(null? a) (null? y))0
 (if(eq? (car a) (car y))
 (+ 1 (sif a (cdr y)))
 (+ 0 (sif a (cdr y)))
)
)
)

(define (sifat a y)
 (if(null? a) 0
 (+ (sif a y) (sifat (cdr a) y))))