No.

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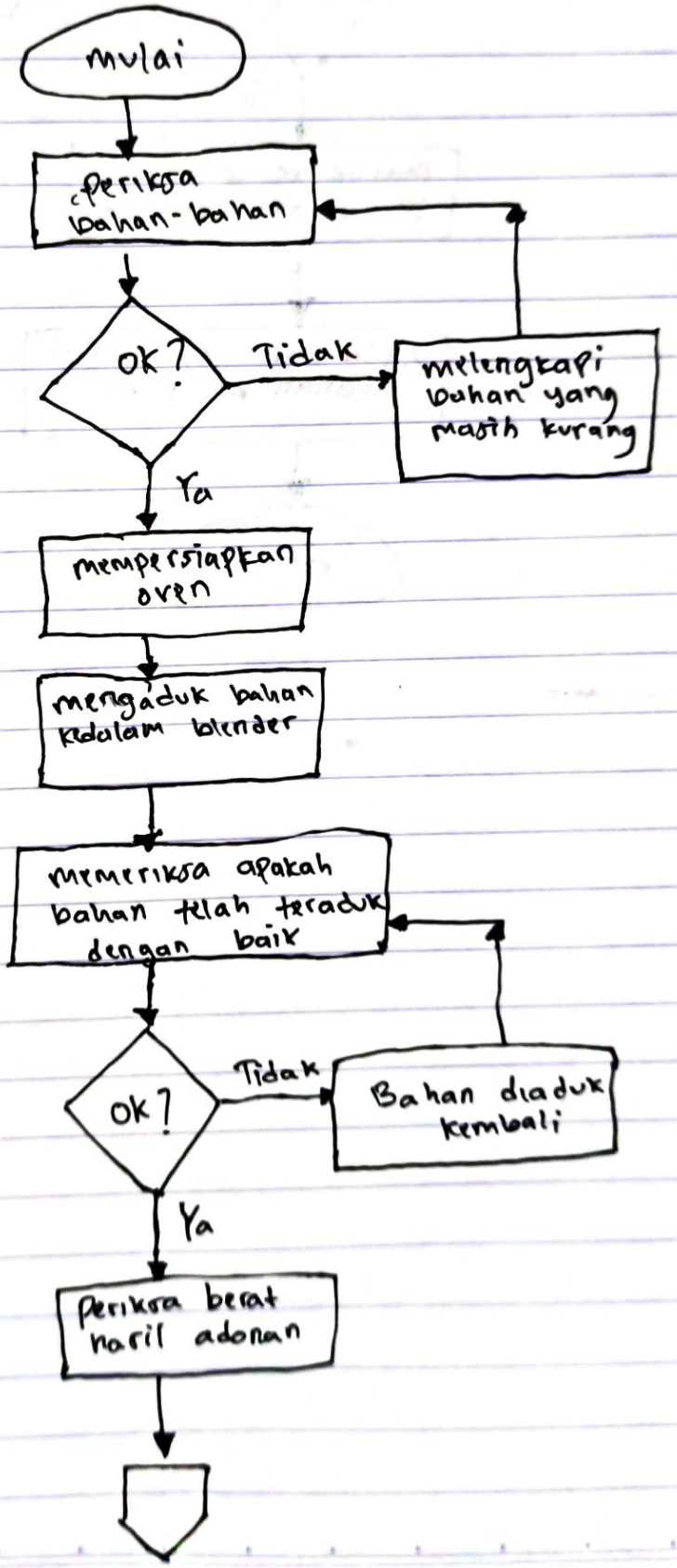
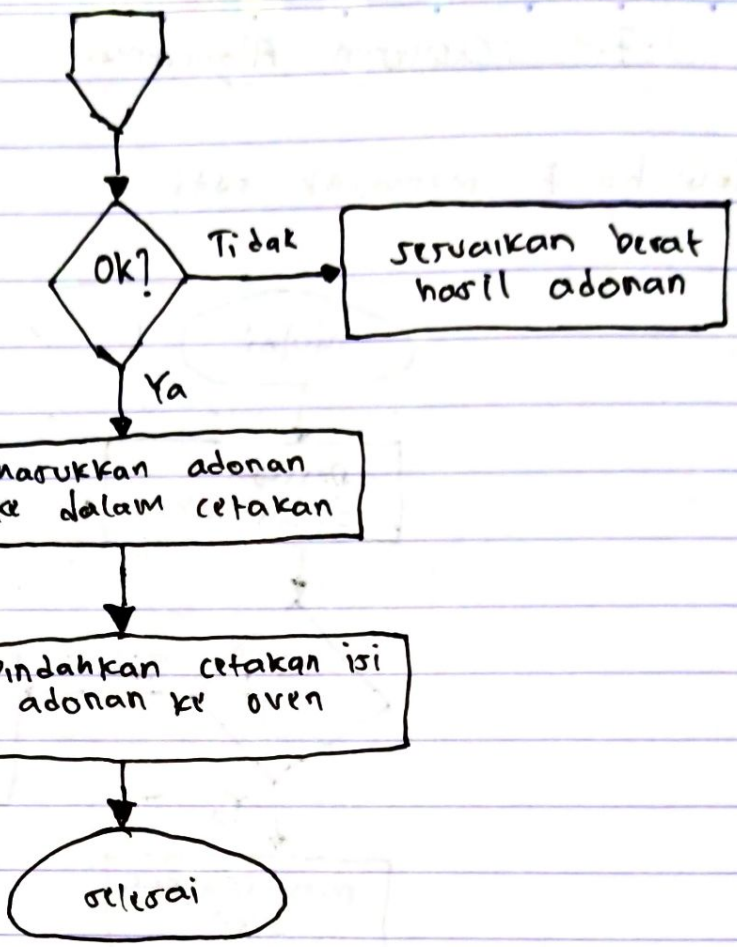
1.7.1 Menyusun Algoritma

1. Flowchart memasak roti




Ok?
Tidak
sesuaikan berat hasil adonan
Ya
masukkan adonan ke dalam cetakan
pindahkan cetakan isi adonan ke oven
selesai

1. ~~Flowchart~~

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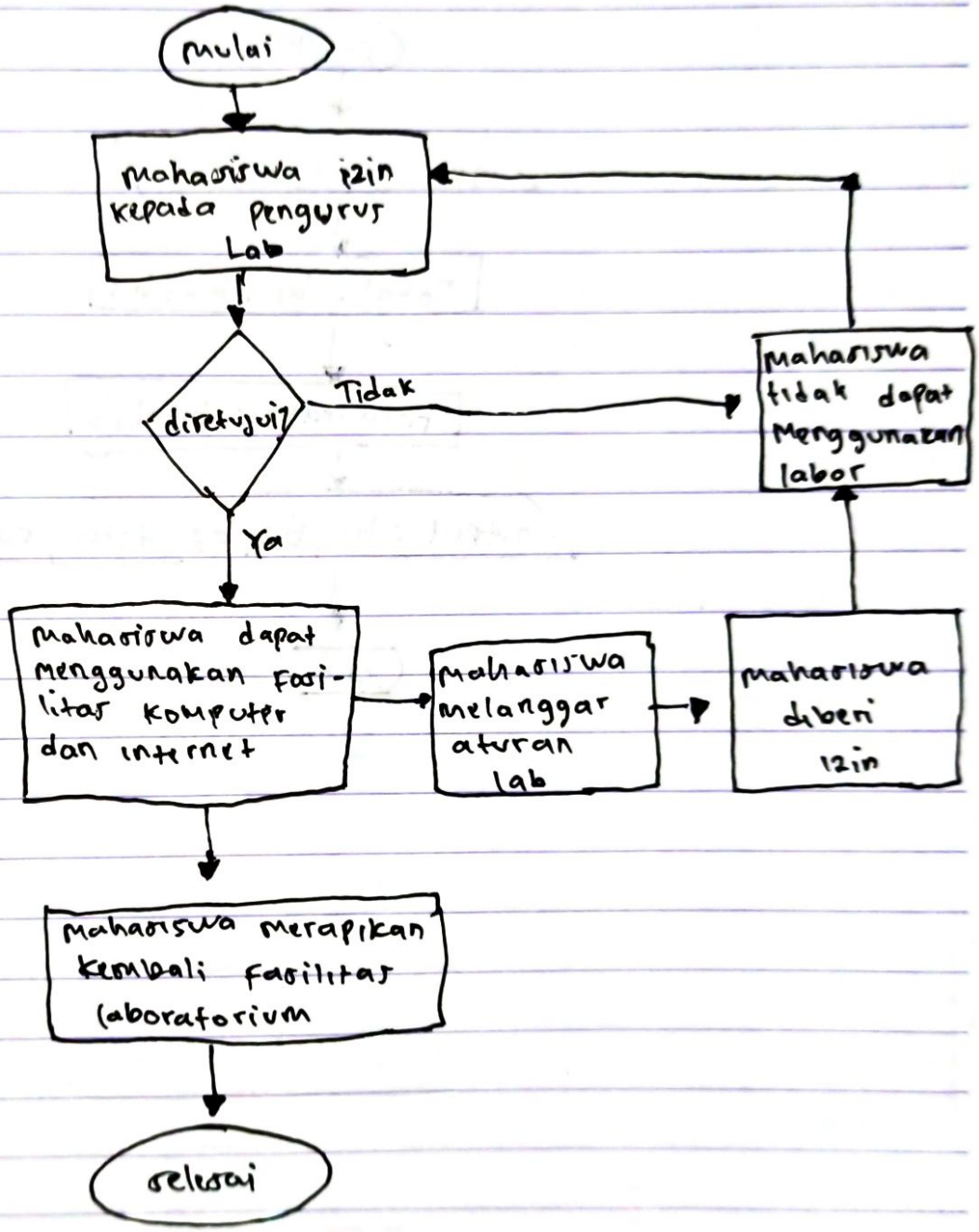
2. Flowchart "menggunakan komputer di laboratorium":



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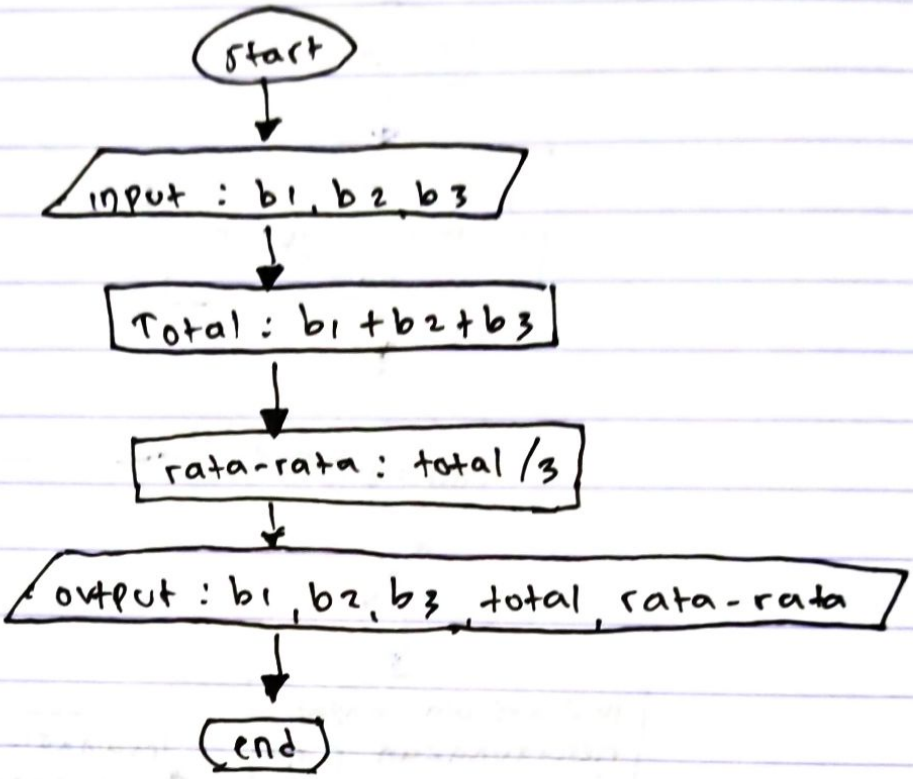
3. Flowchart menghitung rata2 dari 3 buah bil".



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1. 7. 2Latihan

konversikan bil ≡ brk:

1. $1980_{(10)}$, $11110111100_{(2)}$ (biner)

1980 /2 : 990 sisa 0
990 /2 : 495 sisa 0
495 /2 : 247 sisa 1
247 /2 : 123 sisa 1
123 /2 : 61 sisa 1
61 /2 : 30 sisa 1
30 /2 : 15 sisa 0
15 /2 : 7 sisa 1
7 /2 : 3 sisa 1
3 /2 : 1 sisa 1
1 /2 : 0 sisa 1

$1980_{(10)}$ 7Bc (16) (Hexadesimal)

1980/16 : 123 sisa 12 (C)
123/16 : 7 sisa 11 (B)
7/16 : 0 sisa 7

$1980_{(8)}$ 3674 (8) (oktaf)

1980 /8 : 247 sisa 4
247 /8 : 30 sisa 7
30 /8 : 3 sisa 6
3 /8 : 0 sisa 3

Eisting Obor

2. $1001001101_{(2)}$ 589 $_{(10)}$ (Desimal)

$1001001101 = 1 \times 2^9 + 0 + 0 + 1 \times 2^6 + 0 + 0 + 1 \times 2^3 + 1 \times 2^2 + 0 + 1 \times 2^0$

$= 512 + 64 + 8 + 4 + 1$

$= 589$

$1001001101_{(2)}$ 24D $_{(16)}$ (Hexadesimal)

(0010) = 2

(0100) = 4

(1101) = 8 + 4 + 1 = 13 = D

$1001001101_{(2)}$ 1115 $_{(8)}$ (oktap)

10[redacted] = 5

001 = 1

001 = 1

001 = 1

3. $76_{(8)} = 111110_{(2)}$ (Biner)

7 : 111

6 : 110

$76_{(8)}$: $3E_{(16)}$ (Heradesimal)

7 = 111

6 = 110

(111110)

1110 = E

0011 = 3

$76_{(8)}$: $62_{(10)}$ (Desimal)

$76_{(8)} = 7 \times 8^1 + 6 \times 8^0$

$= 56 + 6$

$= 62_{(10)}$

4. $43F_{(16)}$: $010000111111_{(2)}$ (biner)

4 = 0100

3 = 0011

f = 1111

$43F_{(16)} = 1087_{(10)}$ (decimal)

$43F_{(16)} = 4 \times 16^2 + 3 \times 16^1 + 15 \times 16^0$

$= 1024 + 48 + 15$

$= 1087_{10}$

$43F_{(16)} : 2077$ (oktal)

4 = 0100

3 = 0011

F = 1111

0100.0011 1111

010 = 2

000 = 0

111 = 7

111 = 7