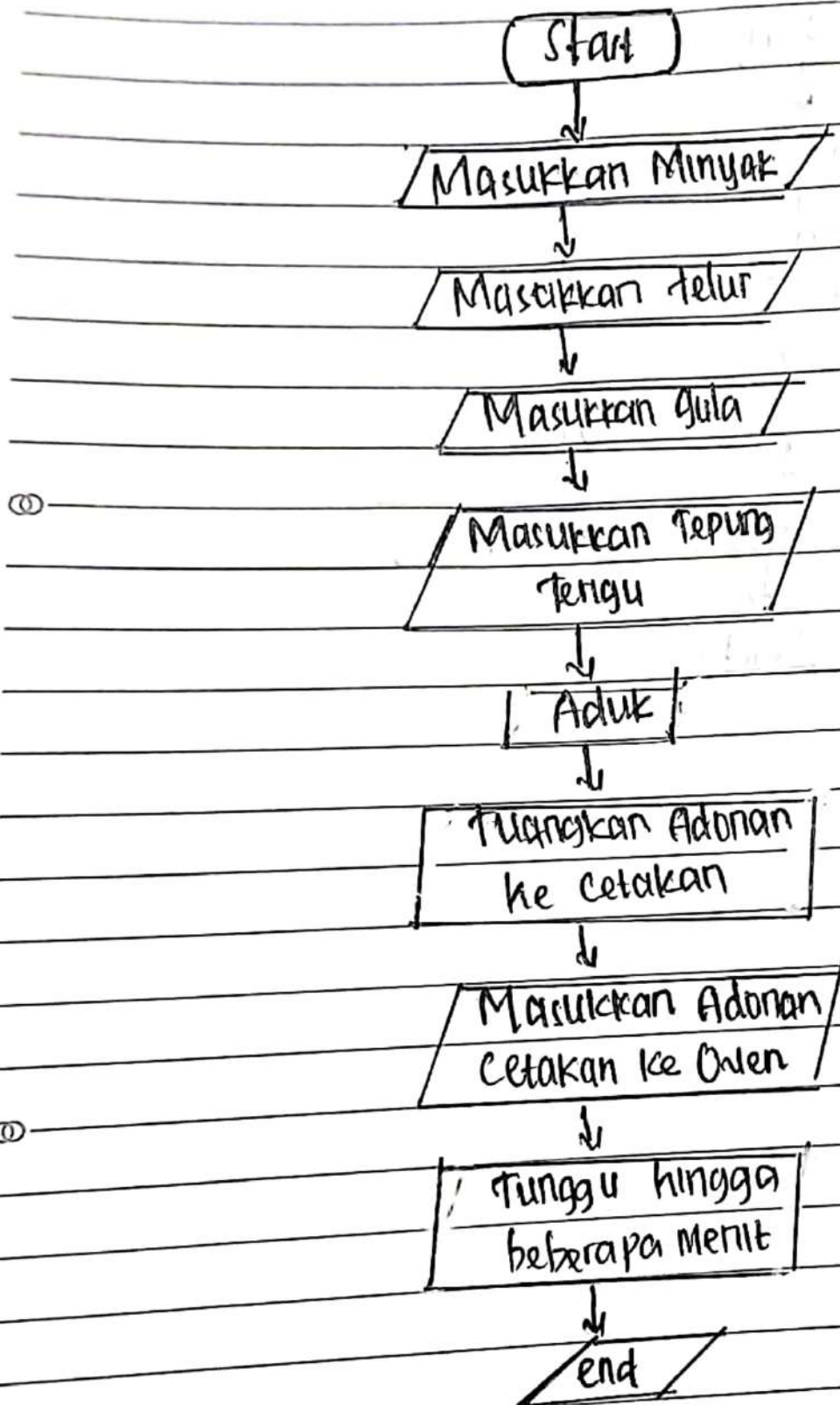


1. Memasak Koli



2. Menggunakan komputer di laboratorium

(Start)

↓
Hubungkan kabel ke terminal /
Sbop kontak

↓
Nyalakan / tekan tombol
CPU

①
↓
nyala ?

No

Cek power
suplay

Yes

komputer menyala

↓
layar monitor
menyala

No

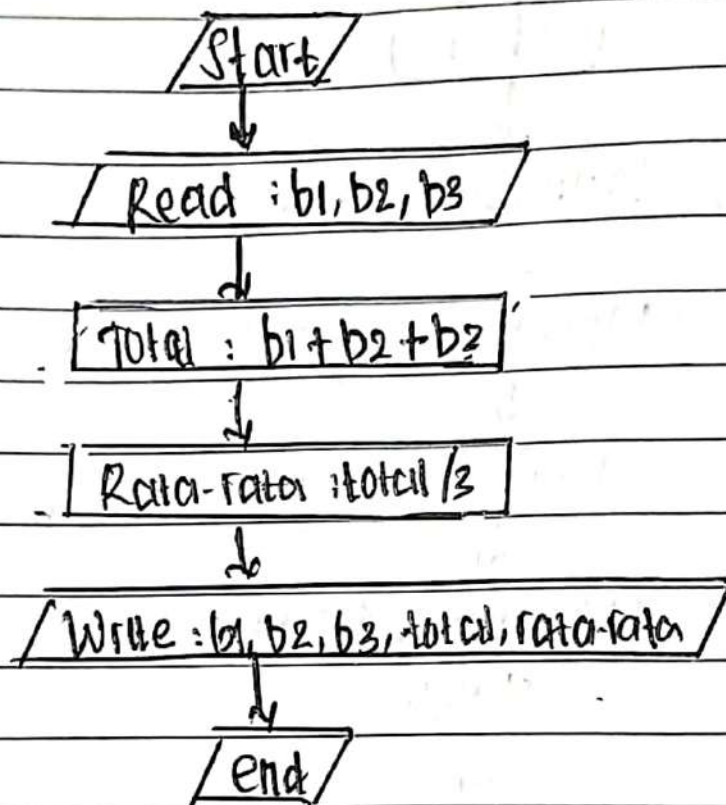
Cek VGA Card,
Mainboard memori

Yes

②
Masuk ke tampilan desktop
dan komputer siap digunakan

↓
(end)

3. Menghitung rata-rata dari 3 buah bilangan



Konversi Sistem Bilangan

1. Desimal : 1980_{10}

• Biner :	2	1980	0
	2	990	0
	2	495	1
	2	247	1
	2	123	1
	2	61	1
	2	30	0
	2	15	1
	2	7	1
	2	3	1
	2	1	1
		0	

→ 1111011100_2

• Heksadesimal :	16	1980	12
	16	123	11
	16	7	7

→ $7BC_{16}$

• Oktal :	8	1980	4
	8	247	7
	8	30	6
	8	3	3
		0	

→ 3674_8

2. Biner : 1001001101₂

• Desimal : $0 \times 2 + 1 = 1$

$$1 \times 2 + 0 = 2$$

$$2 \times 2 + 0 = 4$$

$$4 \times 2 + 1 = 9$$

$$9 \times 2 + 0 = 18$$

$$18 \times 2 + 0 = 36$$

$$36 \times 2 + 1 = 73$$

$$73 \times 2 + 1 = 147$$

$$\textcircled{1} \quad 147 \times 2 + 0 = 294$$

$$294 \times 2 + 1 = 589$$

→ 589₁₀

• Heksadesimal :

10	0100	1101
2	4	13
2	4	d

→ 24D₁₆

• Oktal :

1	001	001	101
1	1	1	5

① → 1115₈

3. Oktal = 76₈

• Biner :

7	6
111	110

→ 11110₂

• Heksadesimal :

11	1110
3	14

→ 3E

• Desimal = 76

$$6 \times 8^0 = 6$$

$$7 \times 8^1 = 56$$

$$\underline{62}$$

→ 62_{10}

4. Heksadesimal = $43F_{16}$

• Biner = 4 | 3 | F

100 | 001 | 111

→ 100011111₂

• Oktal = 10 | 000 | 111 | 111

2 | 0 | 7 | 7

→ 2077₈

• Desimal : $43F_{16}$

$$F \times 16^0 = 15$$

$$3 \times 16 = 48$$

$$4 \times 16^2 = 1024$$

$$\underline{1087}$$

→ 1087_{10}