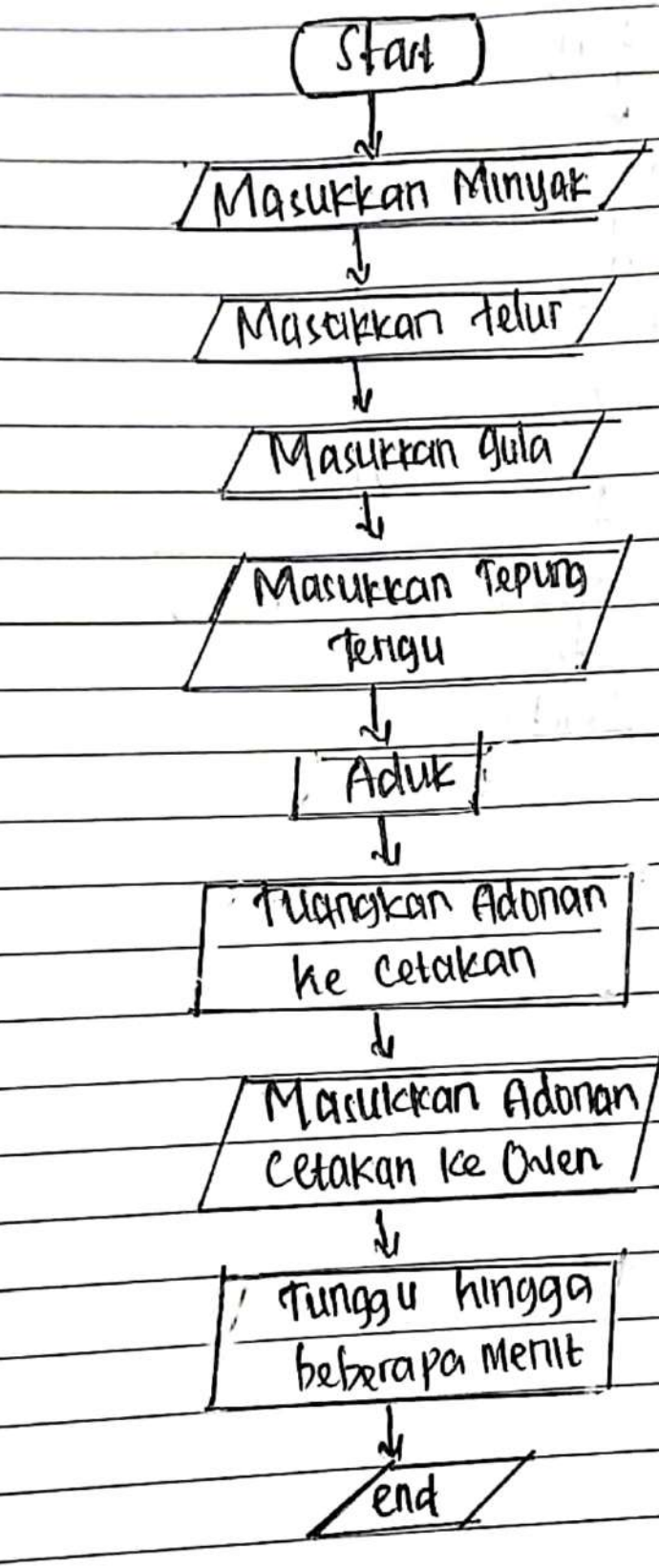
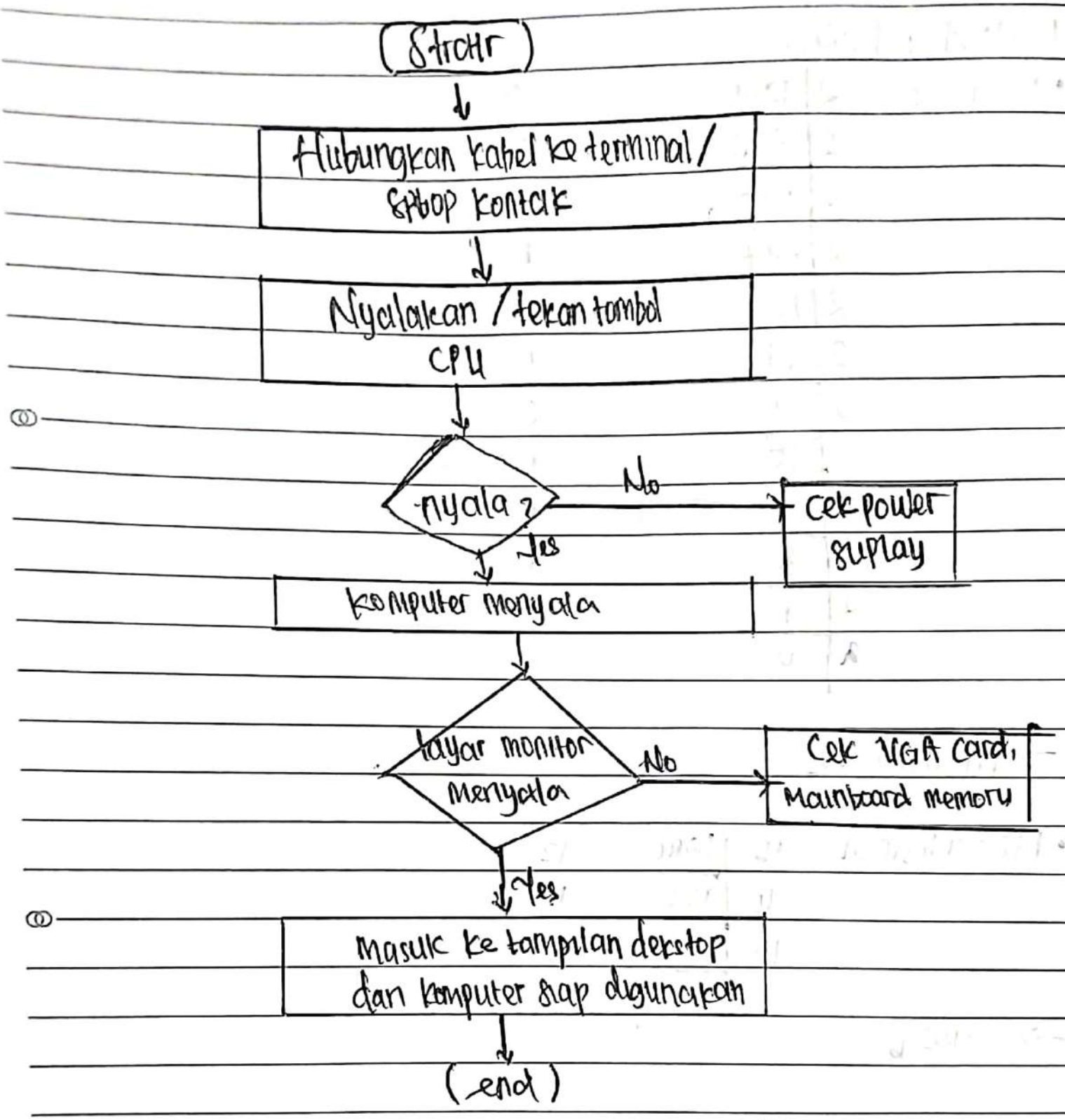
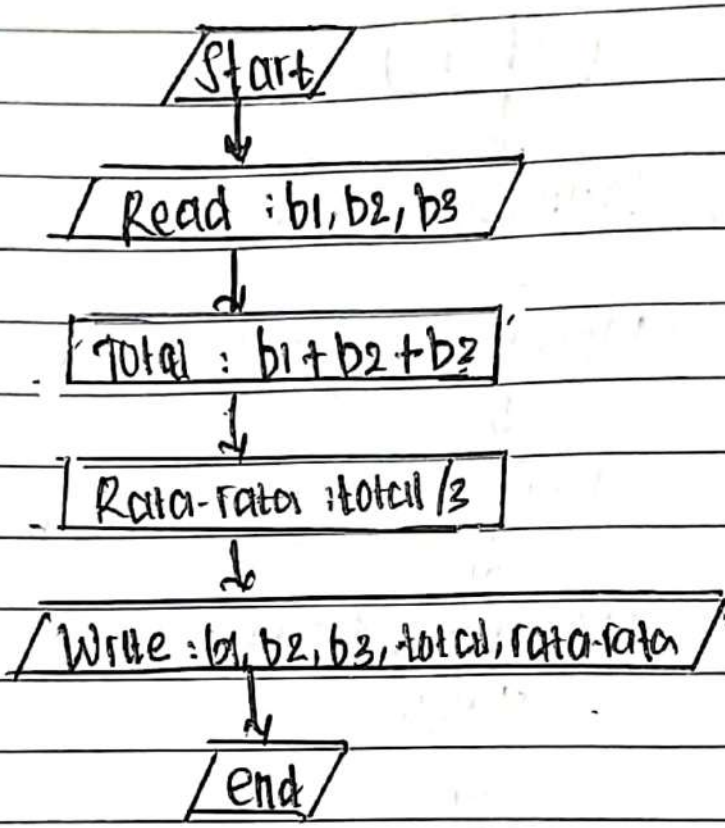
1. Memasak Roll



2. Menggunakan komputer di laboratorium



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	

→ 11110111100_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 : 1001001101_2

- Desimal : $0 \times 2 + 1 = 1$
  $1 \times 2 + 0 = 2$
  $2 \times 2 + 0 = 4$
  $4 \times 2 + 1 = 9$
  $9 \times 2 + 0 = 18$
  $18 \times 2 + 0 = 36$
  $36 \times 2 + 1 = 73$
  $73 \times 2 + 1 = 147$
  $147 \times 2 + 0 = 294$
  $294 \times 2 + 1 = 589$

→ 589_{10}

- Heksadesimal : 10 | 0100 | 1101
  2 4 13
  2 4 d

→ $24D_{16}$

- Oktal : 1 | 001 | 001 | 101
  1 1 1 5

→ 1115_8

3. Oktal : 76_8

- Biner : 7 6
  111 | 110

→ 111110_2

- Heksadesimal : 11 | 1110
  3 14

→ 3E

• Desimal = 76

$6 \times 8^0 = 6$

$7 \times 8^1 = 56$ +

62

→ 62_{10}

4. Heksadesimal = $43F_{16}$

• Biner = 4 | 3 | F

100 | 0011 | 111

→ 1000011111_2

• Oktal = 10 | 000 | 111 | 111

2 0 7 7

→ 2077_8

• Desimal : $43F_{16}$

$F \times 16^0 = 15$

$3 \times 16 = 48$

$4 \times 16^2 = 1024$ +

1087

→ 1087_{10}