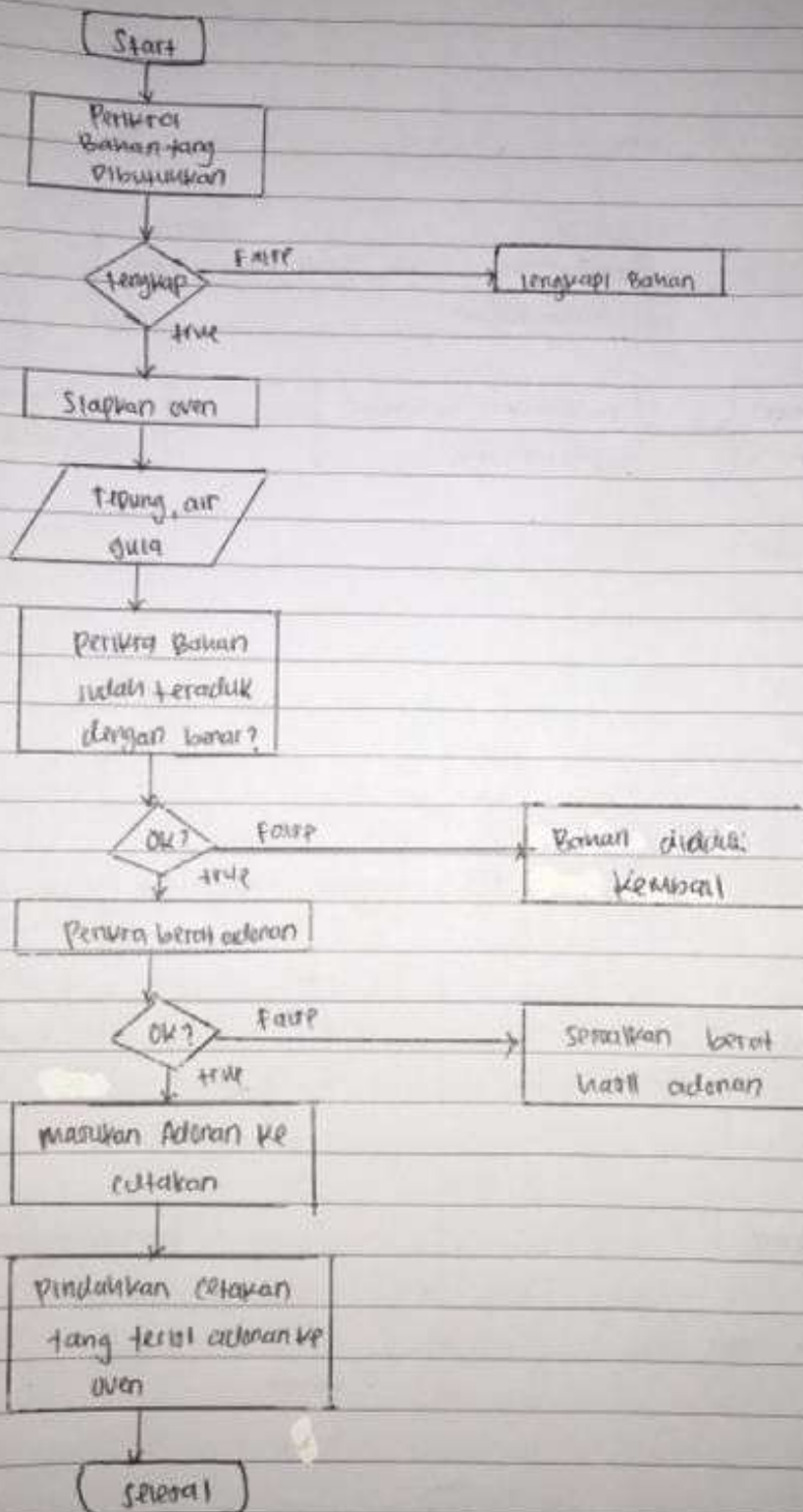


Nama: Zikriatul Qalbi  
NOMP: 2201001013  
Kelas: TK1B

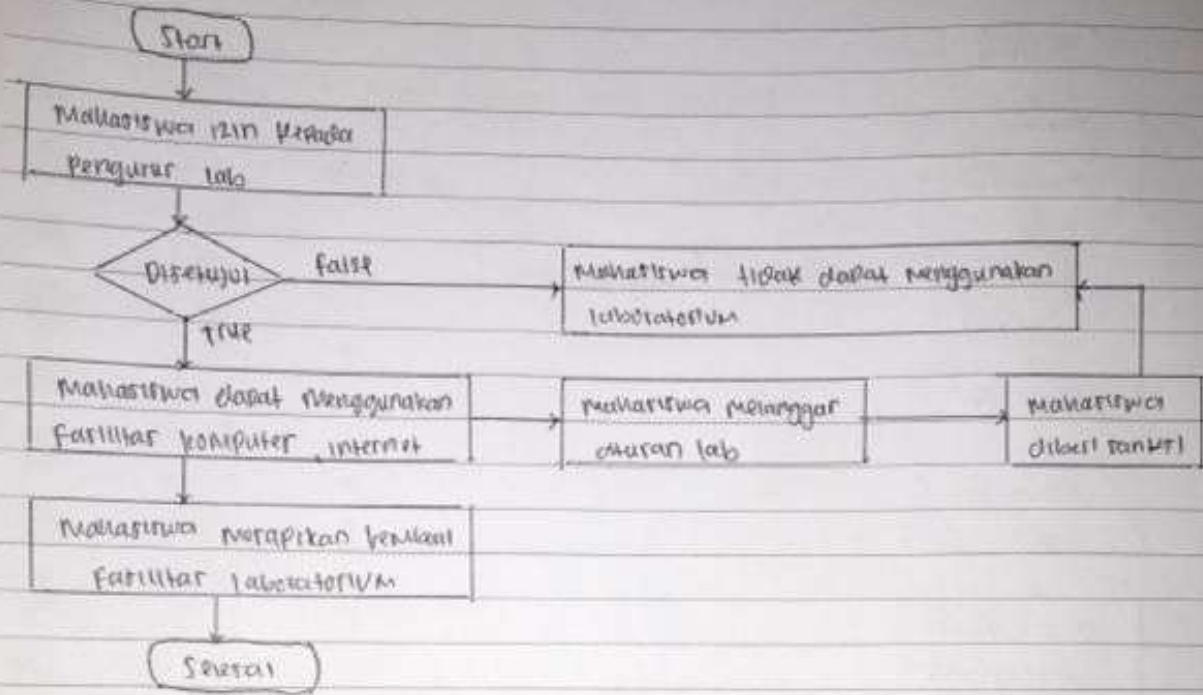
## Flowchart

No  
Date

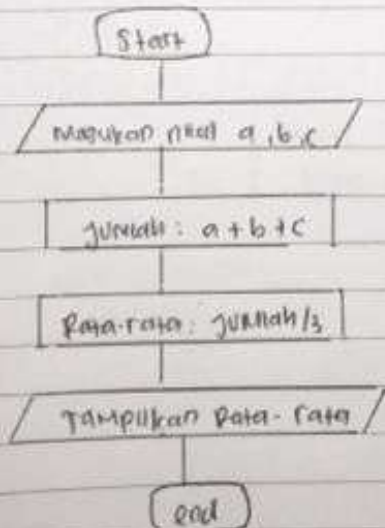
### 4. Memasak roti



## 2. Menggunakan Komputer di laboratorium



## 3. Menghitung rata-rata dari 3 buah bilangan



Nama : Zikriatul Gaibi

NO BP : 2201081013

Kelas : TK1B

1.  $1980_{(10)}$  ke sistem bilangan biner, Heksadesimal dan oktal.

• Biner = 11110111100

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

• Heksadesimal = 7BC

16 | 1980 12 (C)

16 | 123 7 (B)

7

• Oktal = 347

8 | 1980 4

8 | 247 7

3

2.  $1001001101_2$  ke sistem bilangan desimal, heksadesimal dan oktal.

• Desimal =

$$\begin{aligned} 1001001101 &= 1 \times 2^9 + 0 \times 2^8 + 0 \times 2^7 + 1 \times 2^6 + 0 \times 2^5 + 0 \times 2^4 + \\ &1 \times 2^3 + 1 \times 2^2 + 0 \times 2^1 + 1 \times 2^0 \\ &= 589 \end{aligned}$$

• Heksadesimal

1001001101 = 1101 = 13

0100 = 4

0010 = 2

= 24D



• Oktal

$$\begin{aligned} 1001001101 &= 101 = 5 \\ 001 &= 1 \\ 001 &= 1 \\ 001 &= 1 \\ &= 1115 \end{aligned}$$

8. 76 ke bilangan biner, heksadesimal, dan desimal.

• Biner

$$\begin{aligned} 76 &= 111 \\ 6 &= 110 \\ &= 111110 \end{aligned}$$

• heksadesimal

$$\begin{aligned} 76 &= 62 \\ 16 \overline{) 62} &= 3 \text{ sisa } 14 \\ 76 &= 62 = 3E \end{aligned}$$

• Desimal

$$\begin{aligned} 76 &= 7 \times 8^1 + 6 \times 8^0 \\ &= 62 \end{aligned}$$

9. 43F ke sistem bilangan biner, desimal, oktal.

• Biner

$$\begin{aligned} 43F &= 0100 \\ 4 &= 0100 \\ 3 &= 0011 \\ F &= 1111 \end{aligned}$$

• Desimal

$$\begin{aligned} 43F &= 4 \times 16^2 + 3 \times 16^1 + 15 \times 16^0 \\ &= 1024 + 48 + 15 \\ &= 1087 \end{aligned}$$

• ~~heksadesimal~~ Oktal

$$\begin{aligned} 43F &= 1087 \\ 8 \overline{) 1087} &= 7 \\ 8 \overline{) 135} &= 7 \\ 8 \overline{) 16} &= 2 \\ &= 2077 \end{aligned}$$