

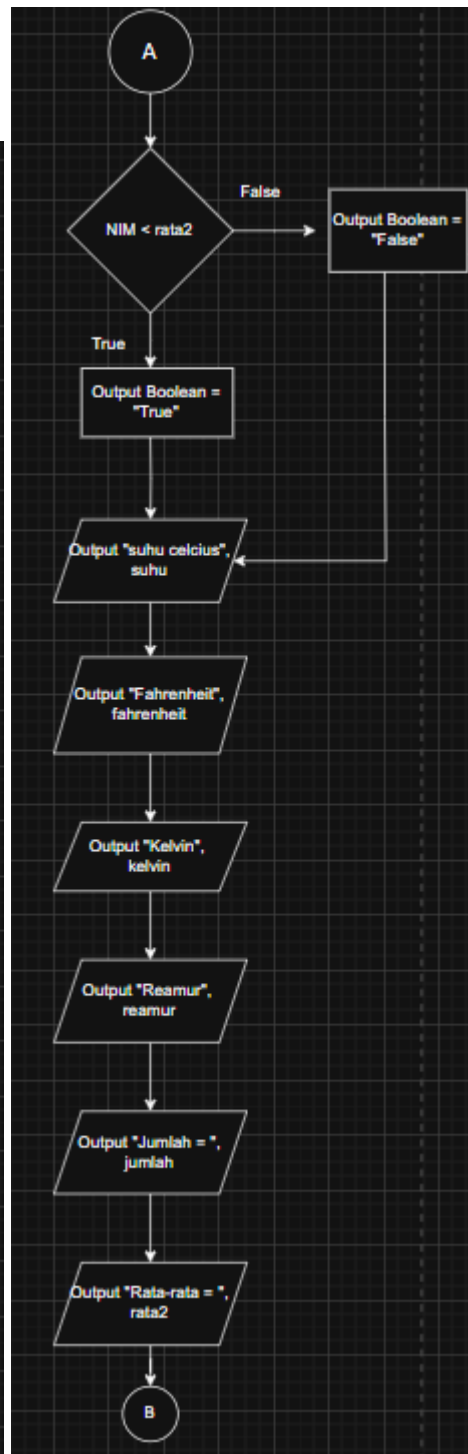
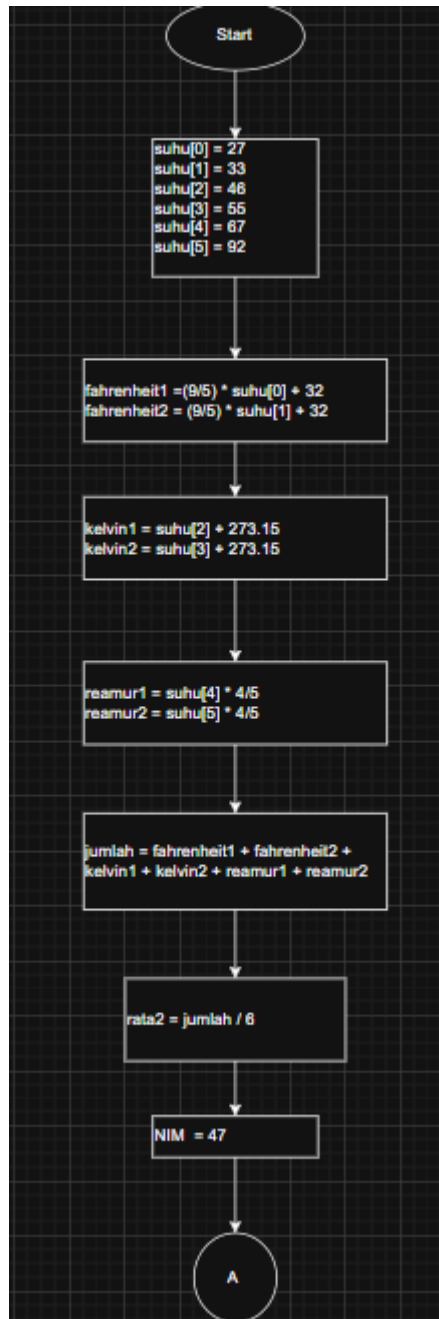
LAPORAN PRAKTIKUM
POSTTEST (2)
ALGORITMA PEMROGRAMAN DASAR

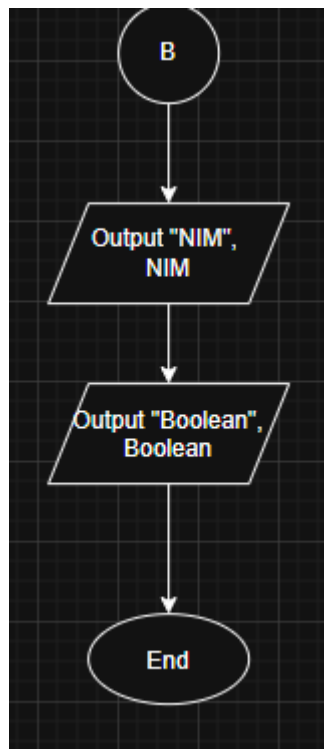


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PROGRAM STUDI INFORMATIKA
UNIVERSITAS MULAWARMAN
SAMARINDA
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1. Flowchart





2. Deskripsi Singkat Program

Program konversi suhu : Program ini berfungsi untuk menghitung perubahan suhu dari celcius ke fahrenheit, kelvin, maupun reamur.

3. Source Code

```
# Suhu Celcius
suhu = [27, 33, 46, 55, 67, 92]

# Konversi suhu
# suhu_1 dan suhu_2 > Fahrenheit
fahrenheit = [(9/5) * suhu[0] + 32, (9/5) * suhu[1] + 32]

# suhu_3 dan suhu_4 > Kelvin
kelvin = [suhu[2] + 273.15, suhu[3] + 273.15]

# suhu_5 dan suhu_6 > Reamur
reamur = [suhu[4] * 4/5, suhu[5] * 4/5]

# Jumlahkan suhu
jumlah = (fahrenheit[0] + fahrenheit[1] + kelvin[0] + kelvin[1] + reamur[0] + reamur[1])

# Rata-rata
rata2 = jumlah / 6

# Nim
NIM = 47

Boolean = NIM < rata2
```

```
print("Suhu Celcius: ", suhu)
print("Fahrenheit: ", fahrenheit)
print("Kelvin: " , kelvin)
print("Reamur: ", reamur)
print("Jumlah semua suhu", jumlah)
print("Rata-rata suhu", rata2)
print("NIM", NIM)
print("Apakah NIM < rata2", Boolean)
```

4. Hasil Output

```
PS D:\Praktikum-APD> & C:/Users/afifo/AppData/Local/Programs/Python/Python39-6/Python.exe -APD/Post-Test/Post-Test-APD-2/2509106047-
Suhu Celcius: [27, 33, 46, 55, 67, 92]
Fahrenheit: [80.6, 91.4]
Kelvin: [319.15, 328.15]
Reamur: [53.6, 73.6]
Jumlah semua suhu 946.5
Rata-rata suhu 157.75
NIM 47
Apakah NIM < ratarata True
PS D:\Praktikum-APD>
```