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1. Latihan :

   INPUT nilai_tugas, UTS, UAS
   nilai_akhir = (nilai_tugas * (60/100)) + (UTS * (20/100)) + (UAS * (20/100))
   IF nilai_akhir > 70
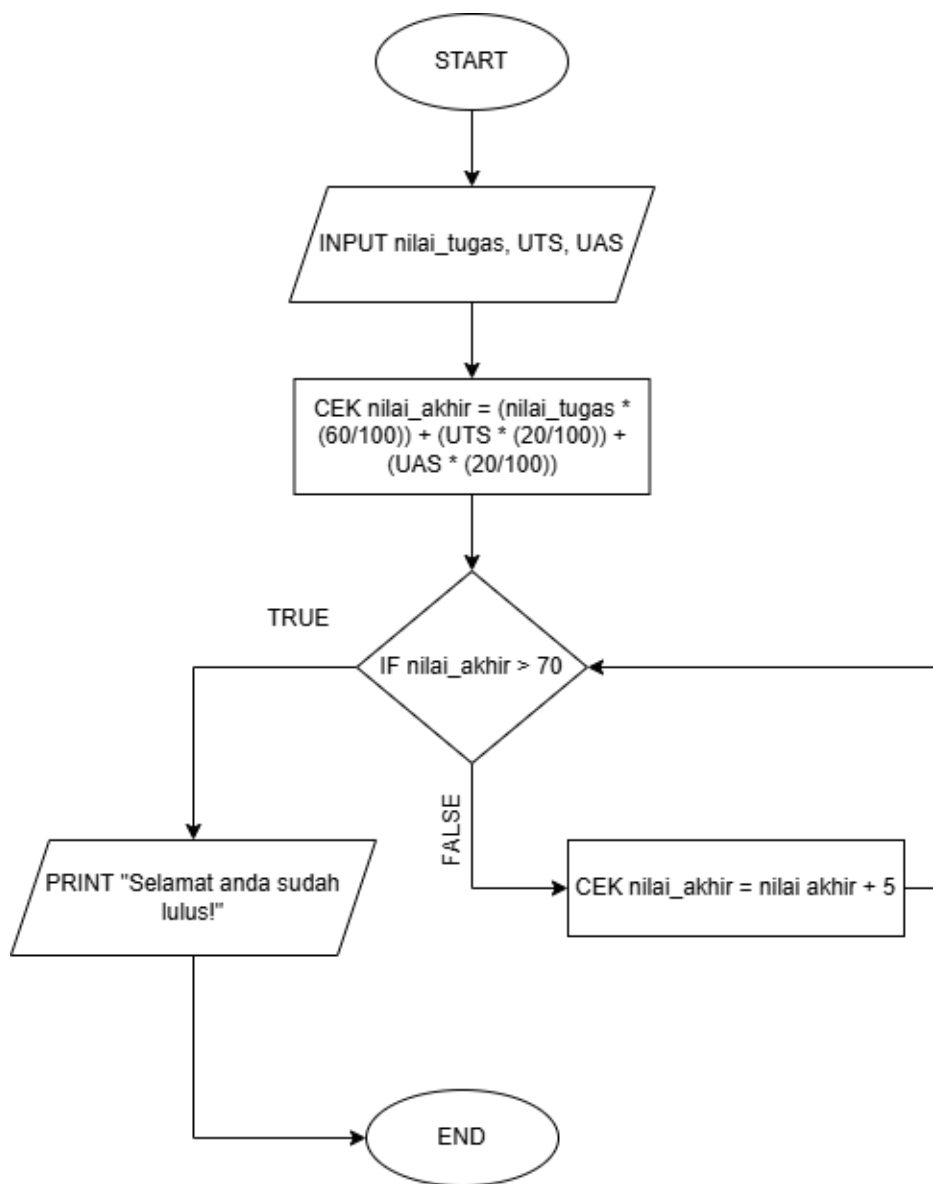   PRINT ("Selamat anda sudah lulus!")
   ELSE
           nilai_akhir = nilai_akhir + 5
   ENDIF

```
                        ┌─────────┐
                        │  START  │
                        └─────────┘
                             │
                             ▼
                  ┌──────────────────────┐
                 / INPUT nilai_tugas, UTS, UAS /
                 └──────────────────────┘
                             │
                             ▼
                  ┌──────────────────────┐
                  │ CEK nilai_akhir = (nilai_tugas * │
                  │ (60/100)) + (UTS * (20/100)) +   │
                  │      (UAS * (20/100))            │
                  └──────────────────────┘
                             │
                             ▼
          TRUE            ◇ IF nilai_akhir > 70 ◇ ◀──────────┐
            │                      │                          │
            ▼                    FALSE                        │
  / PRINT "Selamat anda sudah /     │                         │
  /        lulus!"            /     ▼                          │
  └───────────────────────┘   ┌──────────────────────────┐    │
            │                 │ CEK nilai_akhir = nilai akhir + 5 │───┘
            │                 └──────────────────────────┘
            ▼
        ┌─────────┐
        │   END   │
        └─────────┘
```

2. Guided :

SET n = 10
SET cn = 1
SET bil = 50
WHILE cn <= n do
        bil = bil + 2
        PRINT bil
        cn = cn + 1
ENDWHILE

START

n = 10
cn = 1
bil = 50

WHILE cn <= n

TRUE

bil = bil + 2

FALSE

END

PRINT bil

cn = cn + 1