LAPORAN PRAKTIKUM

POSTTEST 3

ALGORITMA PEMROGRAMAN DASAR

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INFORMATIKA C2 ‘25

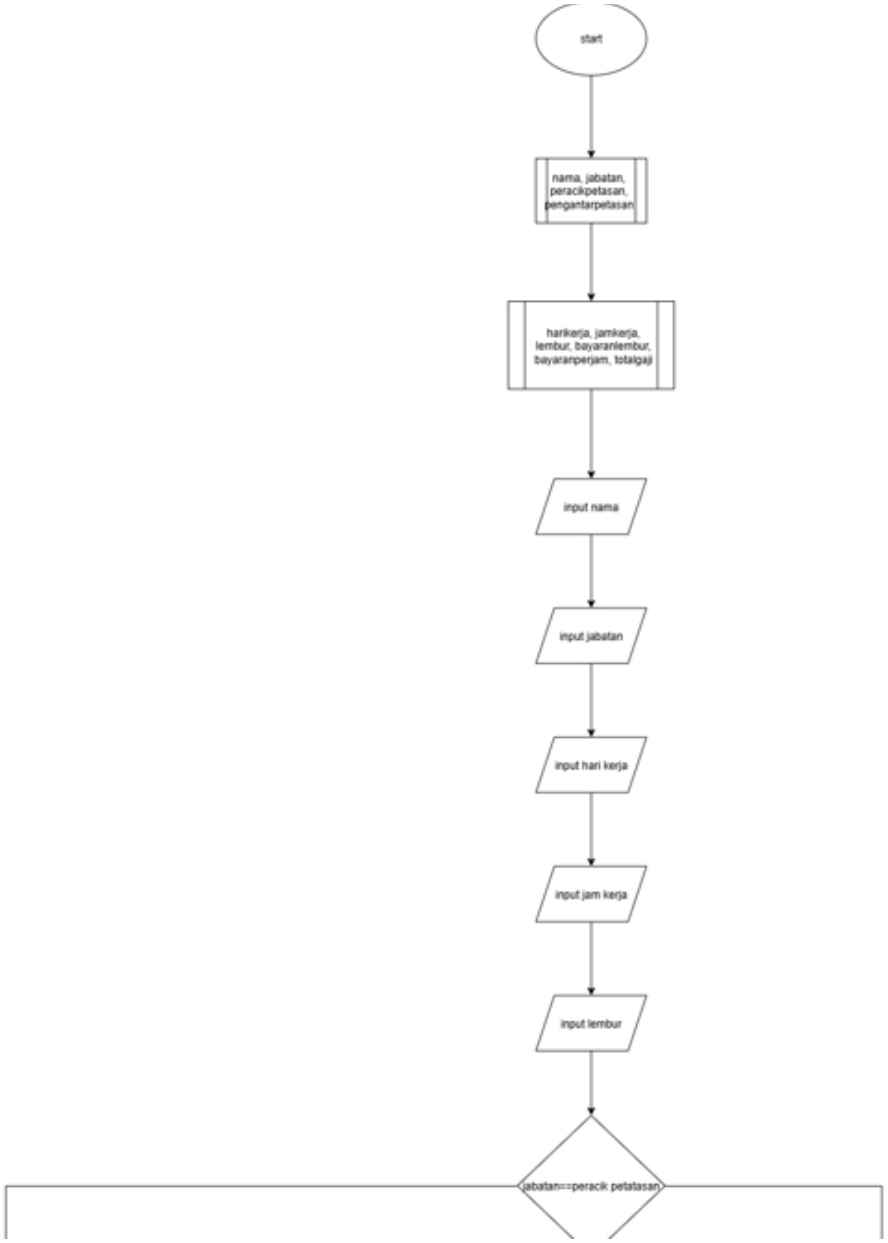
PROGRAM STUDI INFORMATIKA

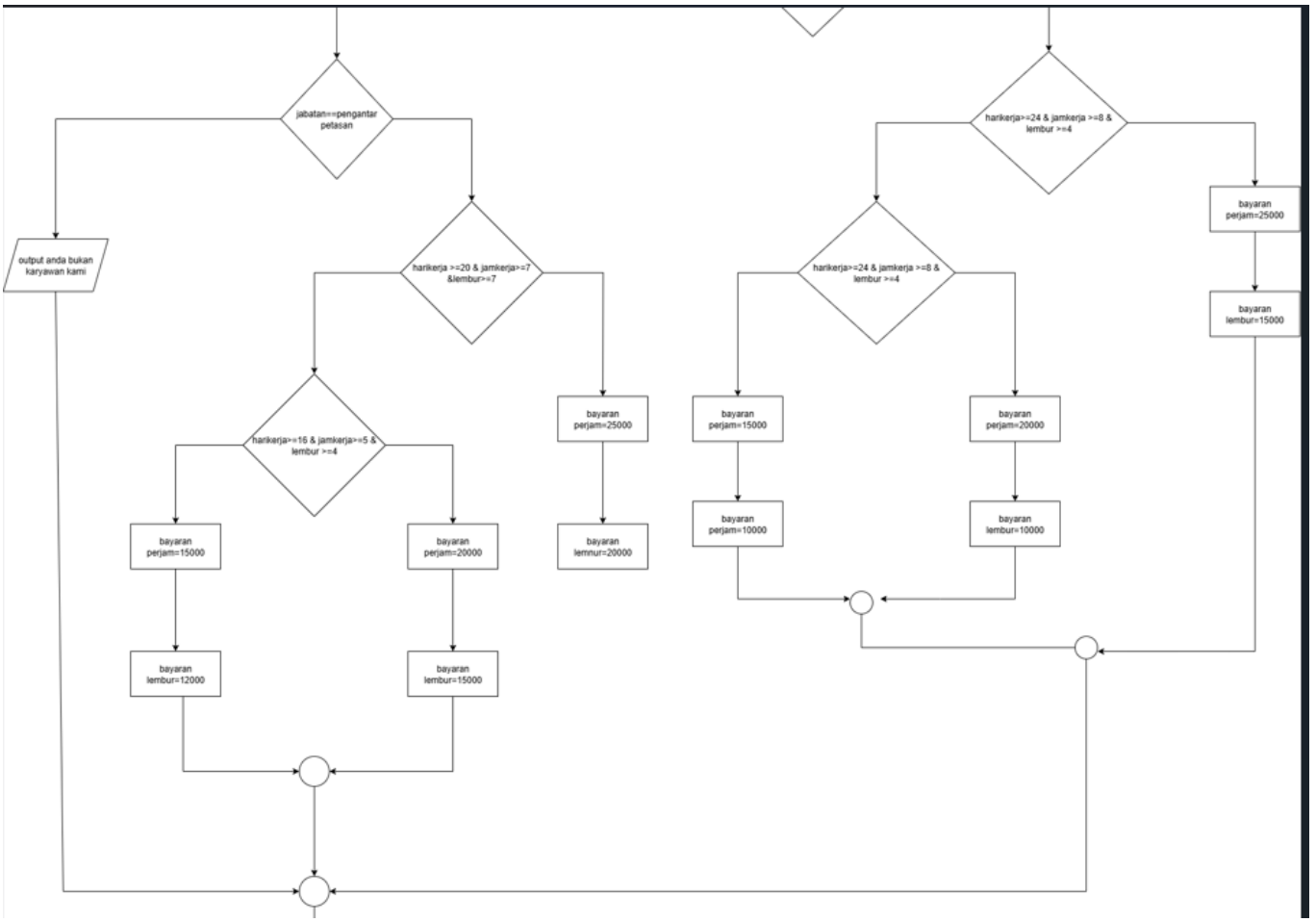
UNIVERSITAS MULAWARMAN

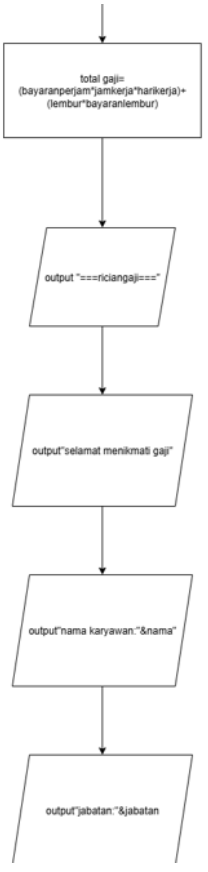
SAMARINDA

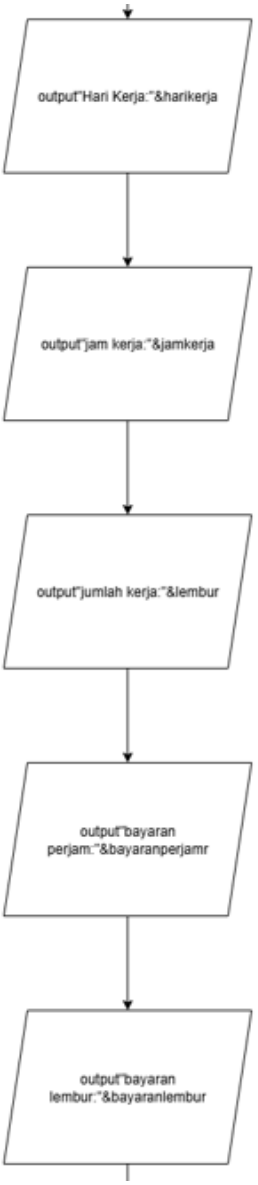
2025

1. Flowchart


start
nama, jabatan, peracikpetasan, pengantarpetasan
harikerja, jamkerja, lembur, bayaranlembur, bayaranperjam, totalgaji
input nama
input jabatan
input hari kerja
input jam kerja
input lembur
jabatan==peracik petatasan


jabatan==pengantar petasan
output anda bukan karyawan kami
harikerja >=20 & jamkerja>=7 &lembur>=7
harikerja>=16 & jamkerja>=5 & lembur >=4
bayaran perjam=15000
bayaran lembur=12000
bayaran perjam=20000
bayaran lembur=15000
bayaran perjam=25000
bayaran lemnur=20000
harikerja>=24 & jamkerja >=8 & lembur >=4
bayaran perjam=25000
bayaran lembur=15000
harikerja>=24 & jamkerja >=8 & lembur >=4
bayaran perjam=15000
bayaran perjam=10000
bayaran perjam=20000
bayaran lembur=10000


total gaji= (bayaranperjam*jamkerja*harikerja)+ (lembur*bayaranlembur)
output "===riciangaji==="
output"selamat menikmati gaji"
output"nama karyawan:"&nama"
output"jabatan:"&jabatan


output"Hari Kerja:"&harikerja
output"jam kerja:"&jamkerja
output"jumlah kerja:"&lembur
output"bayaran perjam:"&bayaranperjamr
output"bayaran lembur:"&bayaranlembur


output"total gaji:"&totalgaji
output"total gaji:"&totalgaji
output"cair cair cair"
end

2. Deskripsi Singkat Program

untuk dapat memudahkan penghitungan gaji karyawan, agar tidak repot repot menghitung gaji satu persatu. dengan program ini kita dapat mengetahui seberapa besar gaji karyawan tersebut.

3. Source Code

Source Code:

```
print("===penghitungan gaji karyawan PT.BOM===")

nama=input("masukkan nama karyawan:")
jabatan=input("masukkan jabatan karyawan:").lower()
hari_kerja=int(input("masukkan jumlah hari kerja karyawan:"))
jam_kerja=int(input("masukkan jumlah jam kerja perhari karyawan:"))
lembur=int(input("masukkan jumlah jam lembur karyawan:"))


harga_petasan=5000


if jabatan=="peracik petasan":
    if hari_kerja >=24 and jam_kerja >=8 and lembur >= 4:
        bayaran_per_jam=25000
        bayaran_lembur=15000
elif hari_kerja >=18 and jam_kerja >=6:
        bayaran_per_jam=20000
        bayaran_lembur=10000
else:
        bayaran_per_jam=15000
        bayaran_lembur=10000

if jabatan=="pengantar petasan":
    if hari_kerja >=20 and jam_kerja >=7 and lembur >=7:
        bayaran_per_jam=25000
        bayaran_lembur=20000
    elif hari_kerja >=16 and jam_kerja >=5 and lembur >=4:
        bayaran_per_jam=20000
        bayaran_lembur=15000
    else:
        bayaran_per_jam=15000
        bayaran_lembur=12000

```

```
35
36  total_gaji=(bayaran_per_jam*jam_kerja*hari_kerja)+(lembur*bayaran_lembur)
37
38  print("===rincian gaji===")
39  print("SELAMAT MENIKMATI GAJI")
40  print(f"nama karyawan:{nama}")
41  print(f"jabatan     :{jabatan}")
42  print(f"hari kerja   :{hari_kerja}")
43  print(f"jam kerja   :{jam_kerja}")
44  print(f"jumlah lembur:{lembur}")
45  print(f"bayaran per jam:RP{bayaran_per_jam}")
46  print(f"bayaran lembur:RP{bayaran_lembur}")
47  print(f"total gaji:RP{total_gaji}")
48  print("CAIR CAIR CAIR")
49
```

4. Hasil Output

```
===rincian gaji===
SELAMAT MENIKMATI GAJI
nama karyawan:uhwdhwuhd
jabatan     :peracik
hari kerja   :30
jam kerja   :12
jumlah lembur:6
bayaran per jam:RP20000
bayaran lembur:RP10000
total gaji:RP7260000
CAIR CAIR CAIR
PS C:\Users\mayna\Documents\Praktikum APD\praktikum-apd> & C:/Users/mayna/AppData/Local/Programs/Python/Python313/python.e
```

5. Langkah-langkah GIT

5.1 GIT Init

```
PS C:\Users\mayna\Documents\Praktikum APD\praktikum-apd> git init
Reinitialized existing Git repository in C:/Users/mayna/Documents/Praktikum APD/praktikum-apd/.git/
```

5.2 GIT Add

```
$ git add .
```

jangan lupa pakai spasi dan dot (.)

5.3 GIT Commit

```
PS C:\Users\mayna\Documents\Praktikum APD\praktikum-apd> git commit -m "upload pt3"
[main d142ecf] upload pt3
 1 file changed, 49 insertions(+)
 create mode 100644 post-test/post-test-apd-3/post-test-apd-3.py
```

5.4 GIT Remote

Tidak perlu

5.5 GIT Push

```
PS C:\Users\mayna\Documents\Praktikum APD\praktikum-apd> git push
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (11/11), 1.23 KiB | 157.00 KiB/s, done.
Total 11 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/maynardchrist10-collab/praktikum-apd.git
   9b9b5b0..8d9cdf4  main -> main
PS C:\Users\mayna\Documents\Praktikum APD\praktikum-apd>
```