

TUGAS PETA BIT 2



NAMA ANGGOTA:

5200411187 – ARIB NAUFAL

5200411188 – TARSONO

5200411184 – WAY LILO

Kodingan

```
RAM = int(input("Masukkan Jumlah Ram(GB): "))
Blok = int(input("Masukkan jumlah blok/unit: "))
Kaprog = int(input("Masukan kapasitas program(GB): "))

#konversi gb ke mbps
GB = 1024

#konversi ram gb ke mbps
KonRam = RAM * GB

#mencari ukuran 1 blok
Ublok = KonRam / Blok

#konversi program gb ke mbps
Konprog = Kaprog * GB

#menghitung blok yang terpakai
Blok1 = Konprog / Ublok

#menghitung blok yang tidak terpakai
Blok0 = Blok - Blok1

print("=====Inputan Program=====")
print("Kapasitas RAM: ",KonRam," MBps" )
print("Blok/unit: ",Ublok," KBps" )
print("Kapasitas Program 1: ",Konprog," MBps" )
print("=====Output Program=====")
print("Jumlah Blok Bernilai 1 = ", Blok1, "Unit")
print("Jumlah Blok Bernilai 0 = ", Blok0, "Unit")
print("Pengalokasian Blok Bernilai 1 = ", Blok1, " Terpakai pada program 1")
print("Pengalokasian Blok Bernilai 0 = ", Blok0, " Kapasitas blok yang tidak digunakan")
```

SCREENSHOT RUNNING PROGRAM

The image shows a Visual Studio Code editor window with a Python script named `petabit2.py` open. The script is located at `C:\Users\ACER\Downloads> bahan > petabit2.py > ...`. The script code is as follows:

```
1 RAM = int(input("Masukkan Jumlah Ram(GB): "))
2
3 Blok = int(input("Masukkan jumlah blok/unit: "))
4 Kaprog = int(input("Masukkan kapasitas program(GB): "))
5
6
7 #konversi gb ke mbps
8 GB = 1024
9
10 #konversi ram_gb ke mbps
```

The terminal output shows the execution of the script:

```
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python39\python.exe c:/Users/ACER/Downloads/bahan/petabit2.py
Masukkan Jumlah Ram(GB): 8
Masukkan jumlah blok/unit: 2
Masukkan kapasitas program(GB): 1

=====Input Program=====
Kapasitas RAM: 8192 Mbps
Blok/unit: 4096.0 KBps

Kapasitas Program 1: 1024 MBps

=====Output Program=====
Jumlah Blok Bernilai 1 = 0.25 Unit
Jumlah Blok Bernilai 0 = 1.75 Unit
Pengalokasian Blok Bernilai 1 = 0.25 Terpakai pada program 1
Pengalokasian Blok Bernilai 0 = 1.75 Kapasitas blok yang tidak digunakan
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python39\python.exe c:/Users/ACER/Downloads/bahan/petabit2.py
Masukkan Jumlah Ram(GB): [ ]
```

The status bar at the bottom indicates the Python version is 3.9.0 64-bit, the file encoding is UTF-8, and the line and column are 21, 1.