TUGAS RESPONSI
SISTEM OPRASI PRAKTIK V

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Code program 1

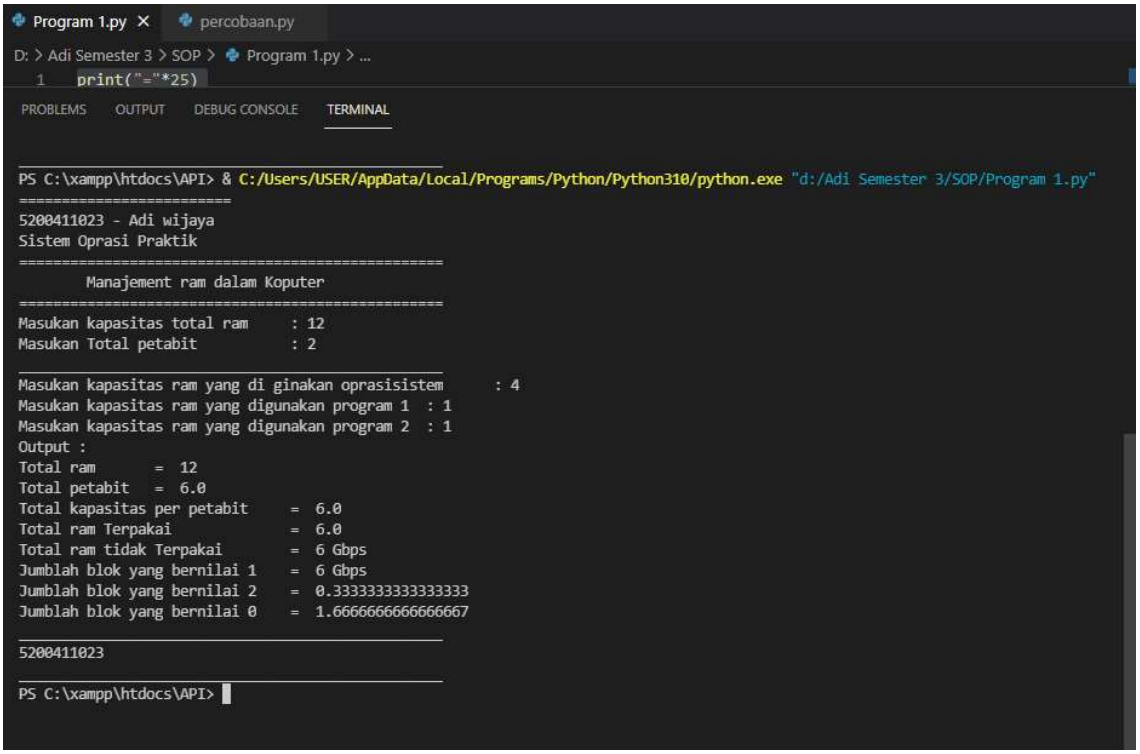
```
print("="*25)
print("5200411023 - Adi wijaya")
print("Sistem Oprasi Praktik")
print("="*50)
print("\tManajement ram dalam Koputer")
print("="*50)

ram = int(input("Masukan kapasitas total ram\t: "))
petabit = int(input("Masukan Total petabit\t\t: "))
blok = 2
print("_"*50)
oprasisistem = int(input("Masukan kapasitas ram yang di ginakan
oprasisistem\t: "))
kapasitas1 = int(input("Masukan kapasitas ram yang digunakan program 1\t: "))
kapasitas2 = int(input("Masukan kapasitas ram yang digunakan program 2\t: "))

petabit = (ram / petabit)
proter = (oprasisistem + kapasitas1 +kapasitas2)
protdk = (ram - oprasisistem - kapasitas1 - kapasitas2)
jumblahblok =(kapasitas1 + kapasitas2) / petabit

print("Output :")
print("Total ram\t= ",ram)
print("Total petabit\t= ",petabit)
print("Total kapasitas per petabit\t= ",petabit)
print("Total ram Terpakai\t\t= ", petabit)
print("Total ram tidak Terpakai\t= ",proter, "Gbps")
print("Jumblah blok yang bernilai 1\t= ", protdk, "Gbps")
print("Jumblah blok yang bernilai 2\t= ",jumblahblok)
print("Jumblah blok yang bernilai 0\t= ", blok - jumblahblok)
print("_"*50)
print(5200411023)
print("_"*50)
```

Hasil Program 1



Code Program 2

```
print("="*25)
print("5200411023 - Adi wijaya")
print("Sistem Oprasi Praktik")
print("="*30)
print("\tMasukan Inputan")
print("="*30)

program1 = str(input("nama program 1 : "))
time1 = int(input("lama proses Pengerjaan : "))
program2 = str(input("nama program 2 : "))
time2 = int(input("lama proses Pengerjaan : "))
program3 = str(input("nama program 3 : "))
time3 = int(input("lama proses Pengerjaan : "))
q = int(input("Jatah Waktu(Quantum Time) : "))

urutan = [time1, time2, time3]

print("_"*50)
print("Ouputan")
```

```
print("Nama Program 1 :",program1,"dan Lama proses Pengerjaan :",time1)
print("Nama Program 2 :",program2,"dan Lama proses Pengerjaan :",time2)
print("Nama Program 3 :",program3,"dan Lama proses Pengerjaan :",time3)
print("Lama proses Pengerjaan 1-3 =",urutan)
print("Jatah Waktu(Quantum Time) :",q)
print("Urutan Round Robin")
if time1>time2 and time2>time3:
        if time2>time3:
            print(time1, time2, time3)
        else:
            print(time1, time3, time2)
elif time2>time1 and time2>time3:
        if time1>time3:
            print(time2, time1, time3)
        else:
            print(time2, time3, time1)
else:
        if time1>time2:
            print(time3, time1, time2)
        else:
            print(time3, time2, time1)
```

Hasil Program 2

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL                                  Python +

PS C:\xampp\htdocs\API> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/Adi Semester 3/SOP/Program 2.py"
========================
5200411023 - Adi wijaya
Sistem Oprasi Praktik
============================
        Masukan Inputan
============================
nama program 1 : 50
lama proses Pengerjaan : 10
nama program 2 : 60
lama proses Pengerjaan : 90
nama program 3 : 70
lama proses Pengerjaan : 20
Jatah Waktu(Quantum Time) : 10
_____________________________________________
Ouputan
Nama Program 1 : 50 dan Lama proses Pengerjaan : 10
Nama Program 2 : 60 dan Lama proses Pengerjaan : 90
Nama Program 3 : 70 dan Lama proses Pengerjaan : 20
Lama proses Pengerjaan 1-3 = [10, 90, 20]
Jatah Waktu(Quantum Time) : 10
Urutan Round Robin
90 20 10
PS C:\xampp\htdocs\API>
```