



# LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023



Prepared By:

Akhmad Rifadli

210511102



Edit dengan WPS Office

Nama : Akhmad Rifadli

Nim 210511102

Kelas : R3

/T121CTugas-

7PBO22023

Bmimeta.py#Nam

a:Akhmad

Rifadli#Nim:2105

11102

#Kelas:R3/T121C

```
class BodyMassIndexMeta(type):defi
    nit(cls, name, bases,
         attrs):super().init(name, bases, attrs)cls.
        tb_standar=""

    def to_pria(cls, tb):
        return(tb-100)-{(tb-100)*(10/100)}

    def to_wanita(cls, tb):
        return(tb-100)-{(tb-100)*(15/100)}

class
    Bmi(metaclass=BodyMassIndexMeta)
        :definit(self, tb, bb):
            self.tb
            =tbselself.bb=b
            b

        def ke_unit(self, unit):if
            unit=="Pria":
                self.tb=self.class.....to_pria(self.tb)self.class.....
```



**tb\_standar="Kg">Pria**



Edit dengan WPS Office

```

        elif unit=="Wanita":self.tb=self.class.to_wanita(self.t
b)self.class.tb_standar="(Kg)Wanita"
    elif unit
      =="Bmi":pass#dono
      thing
    else:
      raise ValueError(f"Unit[{unit}]tidak dikenal.")

def mutu(self):
    bmikalkulator = (self.bb
/(self.tb/100*2))if bmikalkulator<18.5:
    return
    bmikalkulator,"KURUS"elif bmik
kulator>=18.5:
    return
    bmikalkulator,"NORMAL"elif bmik
alkulator>=24.9:
    return bmikalkulator,
"GEMUK"else:
    return bmikalkulator,"OBESITAS LALALA"

def
repr(self):return f"[self.tb:.2f]{self.class.tb_standa
r}"]

# Membuat objek tb dengan nilai 100B
mic=Bmi(160,65)
b=c.mutu()

# Mengubah objek tb menjadi Fahrenheit
crenheitc.ke_unit("Pria")print
t("Berat ideal Anda:",c)

```



```
print("Hasil BMI Anda Adalah:",b)
```

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a tree view of files under "PERTEMUAN 7". The selected file is "bmimeta.py". Other files include "praktikum1.py", "praktikum2.py", "praktikum3.py", and "bmimeta.py".
- Editor:** Displays the code for "bmimeta.py". The code defines a class `BodyMassIndexMeta` with methods for calculating BMI based on gender (Pria, Wanita) and returning the result.
- Terminal:** Shows the command-line output of running the script. It includes:
  - Execution of `praktikum3.py` showing volume and ketupat calculations.
  - Execution of `bmimeta.py` showing BMI calculations for a male student named Ali Mabru Mubarok with height 170cm and weight 70kg, resulting in an ideal weight of 54.00 kg and a BMI of 20.3125.
- Status Bar:** Shows the current file is "bmimeta.py", Python version 3.10.6 64-bit, and the date and time as 10:32 PM.



Edit dengan WPS Office