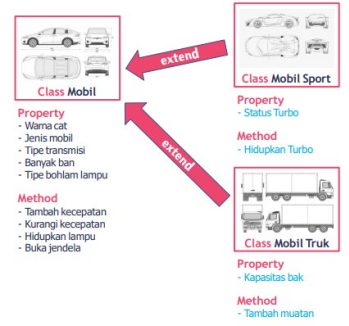
 

**Latihan Praktek 2 (python)**

**Inheritance**

****

class Mobil:

def \_\_init\_\_(self, warna\_cat, jenis\_mobil, tipe\_transmisi, banyak\_ban, tipe\_bohlam): self.warna\_cat = warna\_cat

self.jenis\_mobil = jenis\_mobil

self.tipe\_transmisi = tipe\_transmisi

self.banyak\_ban = banyak\_ban

self.tipe\_bohlam = tipe\_bohlam

def tambah\_kecepatan(self):

print("Mobil menambah laju kecepatan")

def kurangi\_kecepatan(self):

print("Mobil mengurangi laju kecepatan")

def hidupkan\_lampu(self):

print("Lampu ON")

def buka\_jendela(self):

print("Jendela terbuka")

class MobilSport(Mobil):

def \_\_init\_\_(self, warna\_cat, jenis\_mobil, tipe\_transmisi, banyak\_ban, tipe\_bohlam, status\_turbo): super().\_\_init\_\_(warna\_cat, jenis\_mobil, tipe\_transmisi, banyak\_ban, tipe\_bohlam) self.status\_turbo = status\_turbo

@property

def status\_turbo(self):

return self.\_status\_turbo

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@status\_turbo.setter

def status\_turbo(self, status\_turbo):

self.\_status\_turbo = status\_turbo

def hidupkan\_turbo(self):

self.status\_turbo = True

class MobilTruck(Mobil):

def \_\_init\_\_(self, warna\_cat, jenis\_mobil, tipe\_transmisi, banyak\_ban, tipe\_bohlam, kapasitas\_bak): super().\_\_init\_\_(warna\_cat, jenis\_mobil, tipe\_transmisi, banyak\_ban, tipe\_bohlam) self.kapasitas\_bak = kapasitas\_bak

@property

def kapasitas\_bak(self):

return self.\_kapasitas\_bak

@kapasitas\_bak.setter

def kapasitas\_bak(self, kapasitas\_bak):

self.\_kapasitas\_bak = kapasitas\_bak

def tambah\_muatan(self, tambah\_muatan):

self.kapasitas\_bak += tambah\_muatan

mobil\_sport\_budi = MobilSport("merah", "Sport", "manual", 4, "LED", False)

mobil\_truk\_udin = MobilTruck("putih", "Truk", "manual", 12, "LED", 40)

print("Status Turbo mobil sport Budi:", mobil\_sport\_budi.status\_turbo)

mobil\_sport\_budi.hidupkan\_turbo()

print("Status Turbo mobil sport Budi:", mobil\_sport\_budi.status\_turbo)

print("Kapasitas Bak mobil truk Udin:", mobil\_truk\_udin.kapasitas\_bak)

mobil\_truk\_udin.tambah\_muatan(7)

print("Kapasitas Bak mobil truk Udin:", mobil\_truk\_udin.kapasitas\_bak)

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