TUGAS PRAKTIKUM 3



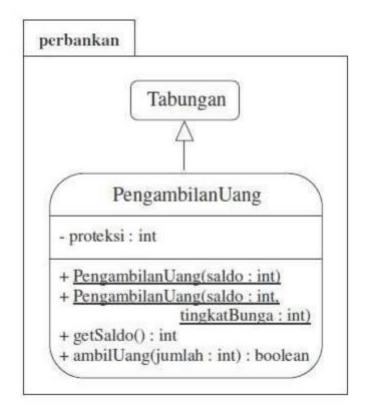
AHMED NUR SIDIK (21091397038)

UNIVERSITAS NEGERI SURABAYA
D4 MANAJEMEN INFORMATIKA
2022

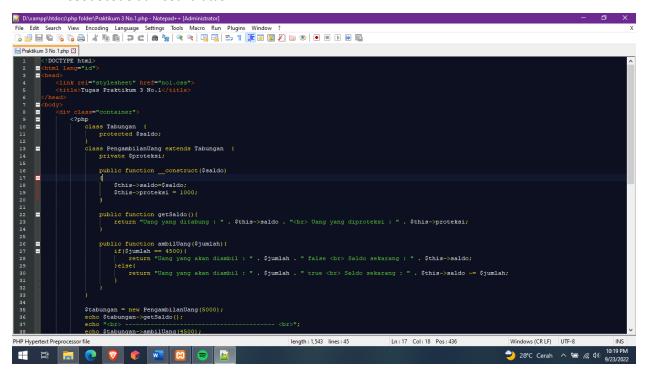
PRAKTIKUM 3

INHERITANCE

1. Transformasikan UML class diagram dibawah ini kedalam program

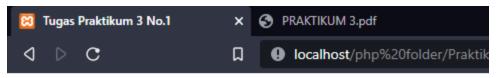


Pseodocode dari soal diatas:



```
| Stabungan = new PengambilanUang(5000); | echo Stabungan-yestSaldo(); | echo "cbr> "; | echo Stabungan-sambilUang(4500); | echo Stabungan-sambilUang(2500); | echo "cbr> "; | echo "cbr>
```

Output yang dihasilkan:



Uang yang ditabung : 5000 Uang yang diproteksi : 1000

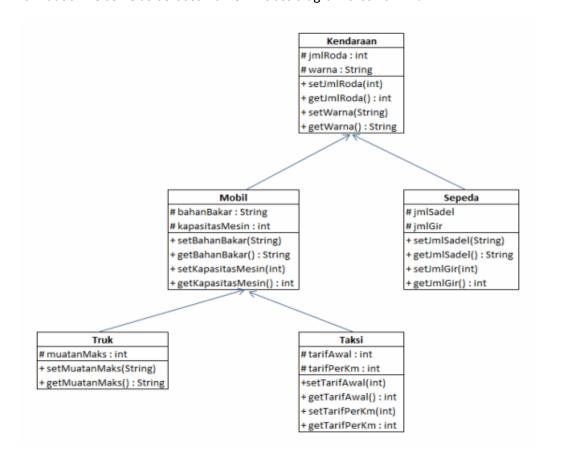
Uang yang akan diambil : 4500 false

Saldo sekarang : 5000

Uang yang akan diambil : 2500 true

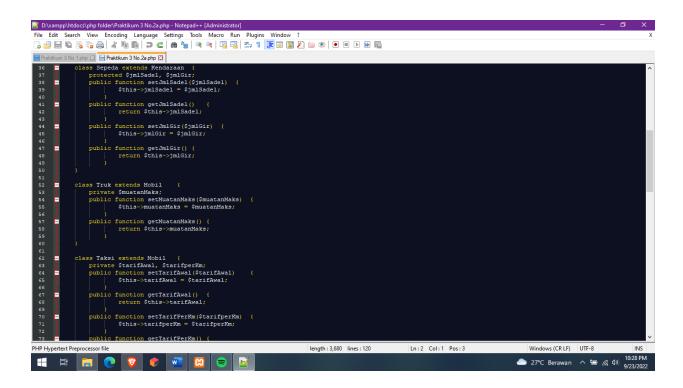
Saldo sekarang: 2500

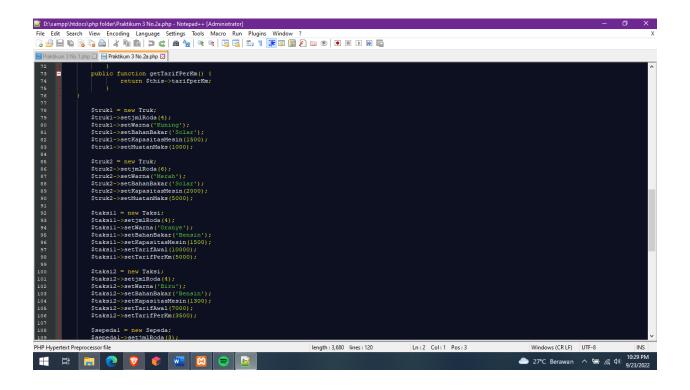
2. a. Buatlah kelas-kelas berdasarkan UML class diagram dibawah ini!

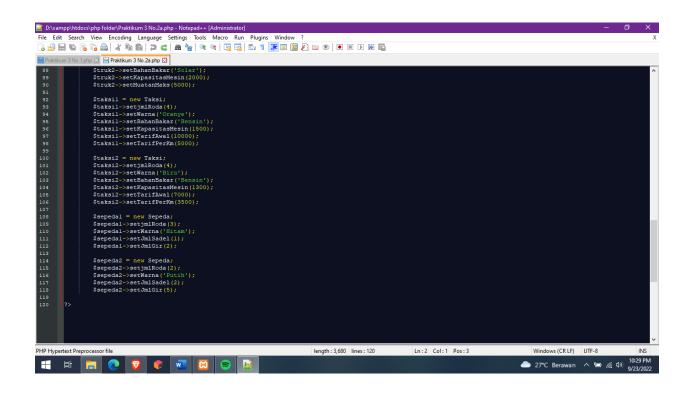


Pseodocode dari class diagram di atas :

```
D:\xampp\htdocs\php folder\Praktikum 3 No.2a.php - Notepad++ [Administrator]
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window
 m 3 No.1.php 🗵 📙 Praktikum 3 No.2a.php 🗵
           ¢
     Ė
               public function setWarna($warna)
    $this->warna = $warna;
               public function getWarna() {
    return $this->warna;
           Ė
      Ė
               public function getBahanBakar() {
    return $this->bahanBakar;
      Ė
               public function setKapasitasMesin($kapasitasMesin) {
    $this->kapasitasMesin = $kapasitasMesin;
      Ė
               public function getKapasitasMesin()
return Sthis->kapasitasMesin;
      Ė
           class Sepeda extends Kendaraan {
    protected $jmlSadel, $jmlGir;
    public function setJmlSadel($jml
                                                                            length: 3,680 lines: 120
                                                                                                        In:2 Col:1 Pos:3
                                                                                                                                          Windows (CR LF) UTF-8
PHP Hypertext Preprocessor file
                                                                                                                                                                       INS
🔣 🛱 🔚 🧿 👽 🕏 🚾 🔞 📦
                                                                                                                                      ● 27°C Berawan ヘ 🗐 🦟 🕬 9/23/2022
```





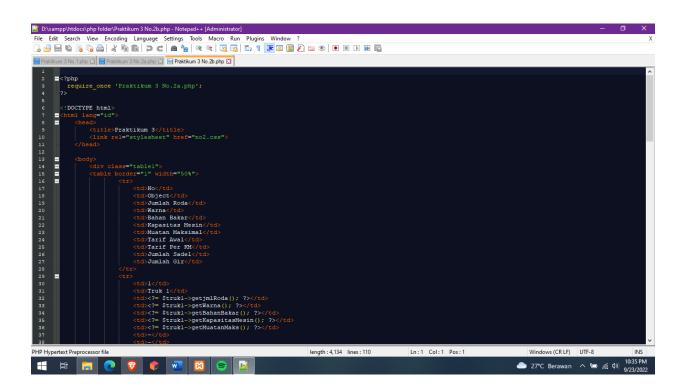


b. Selanjutnya buatlah kelas Tes.php yang membuat obyek-obyek serta mengeset nilai variabel seperti pada Tabel 1 dan tampilkan data per obyek.

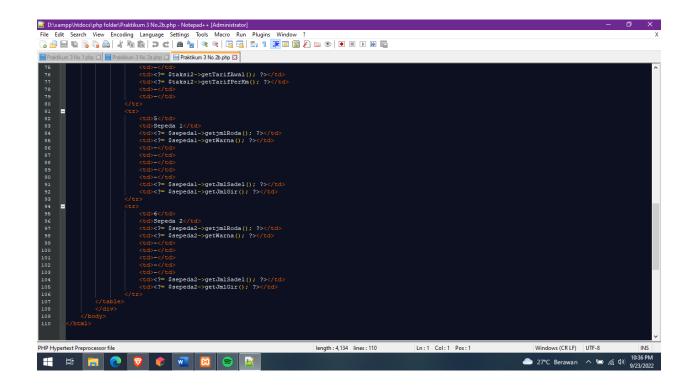
Tabel 1. Data obyek

Obyek	jmlRoda	warna	bahanBakar	kapasitasMesin	muatanMaks	
truk1	4	kuning	solar	1500	1000	
truk2	6	merah	solar	2000	5000	
					tarifAwal	tarifPerKm
taksi1	4	oranye	bensin	1500	10000	5000
taksi1	4	biru	bensin	1300	7000	3500
			jmlSadel	jmlGir		
sepeda1	3	hitam	1	2		
sepeda2	2	putih	2	5		

Pseoudocodenya:



```
D:\xampp\htdocs\php folder\Praktikum 3 No.2b.php - Notepad++ [Administrator]
    File Edit
  Fraktikum 3 No.1.php ☑ 📴 Praktikum 3 No.2a.php ☑ 📴 Praktikum 3 No.2b.php ☑
                        =
                                                                                                                                      \( \frac{2}{\tab} \)
\( \frac{
                                                                                                                                    ><?= $taksil->getTarifAwal(); ?>
><?= $taksil->getTarifPerKm(); ?>
                         =
                                                                                                                                      Ln:1 Col:1 Pos:1
 PHP Hypertext Preprocessor file
                                                                                                                                                                                                                                                                                                                                     length: 4,134 lines: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Windows (CR LF) UTF-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ● 27°C Berawan ヘ 🖅 🦟 🗘 9/23/2022
 # # 📻 💿 🦁 💣 🚾 🔞 📦
```



Outputnya:

