PEMROGRAMAN BERBASIS OBJEK

(Inheritance)

Disusun Oleh:

Andre Nathaniel - 140810200042
Amir Salim - 140810210015
Ibrahim Dafi Iskandar – 140810210039
Prames Ray Lapian – 140810210059

PROGRAM STUDI S-1 TEKNIK INFORMATIKA

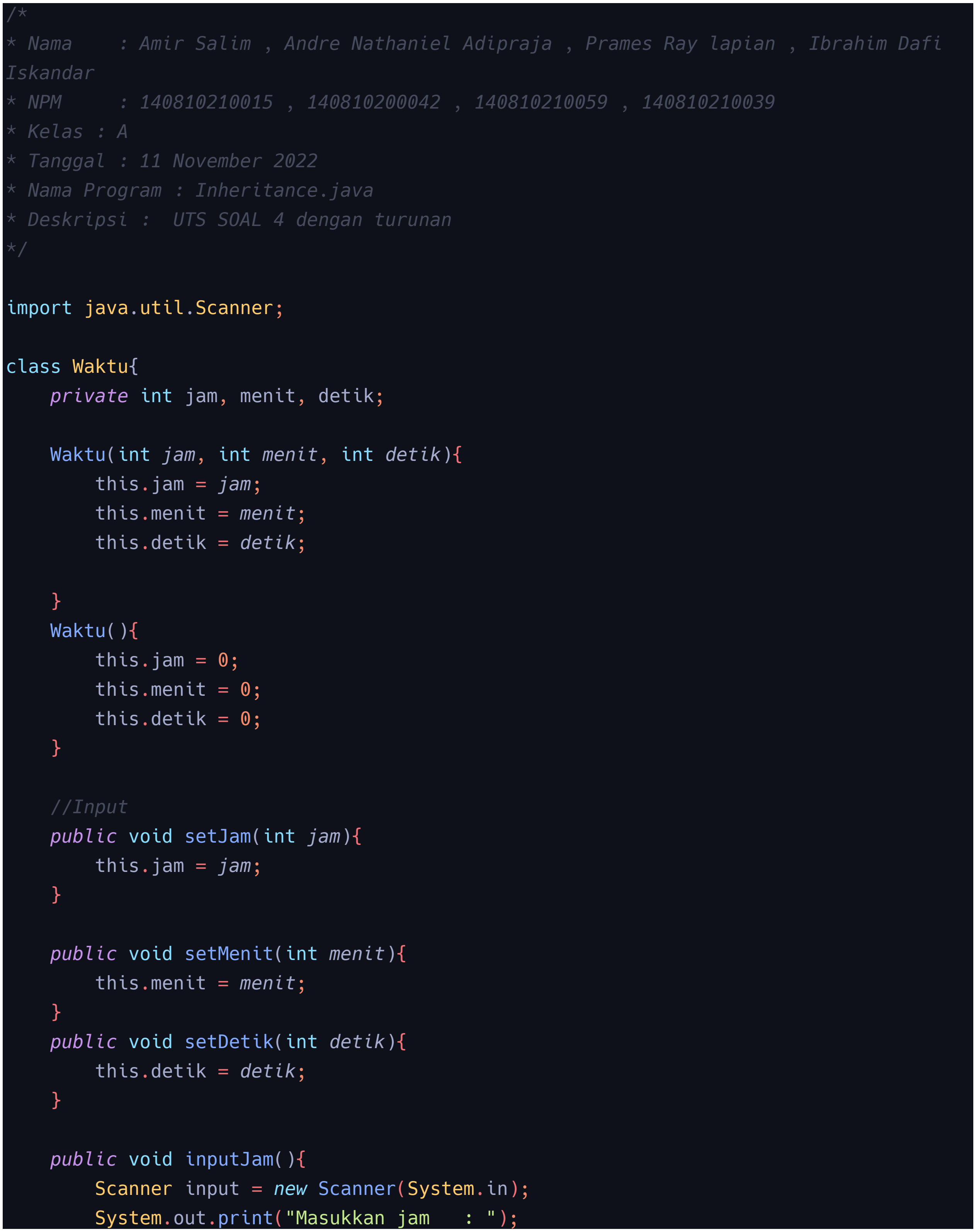
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

UNIVERSITAS PADJADJARAN

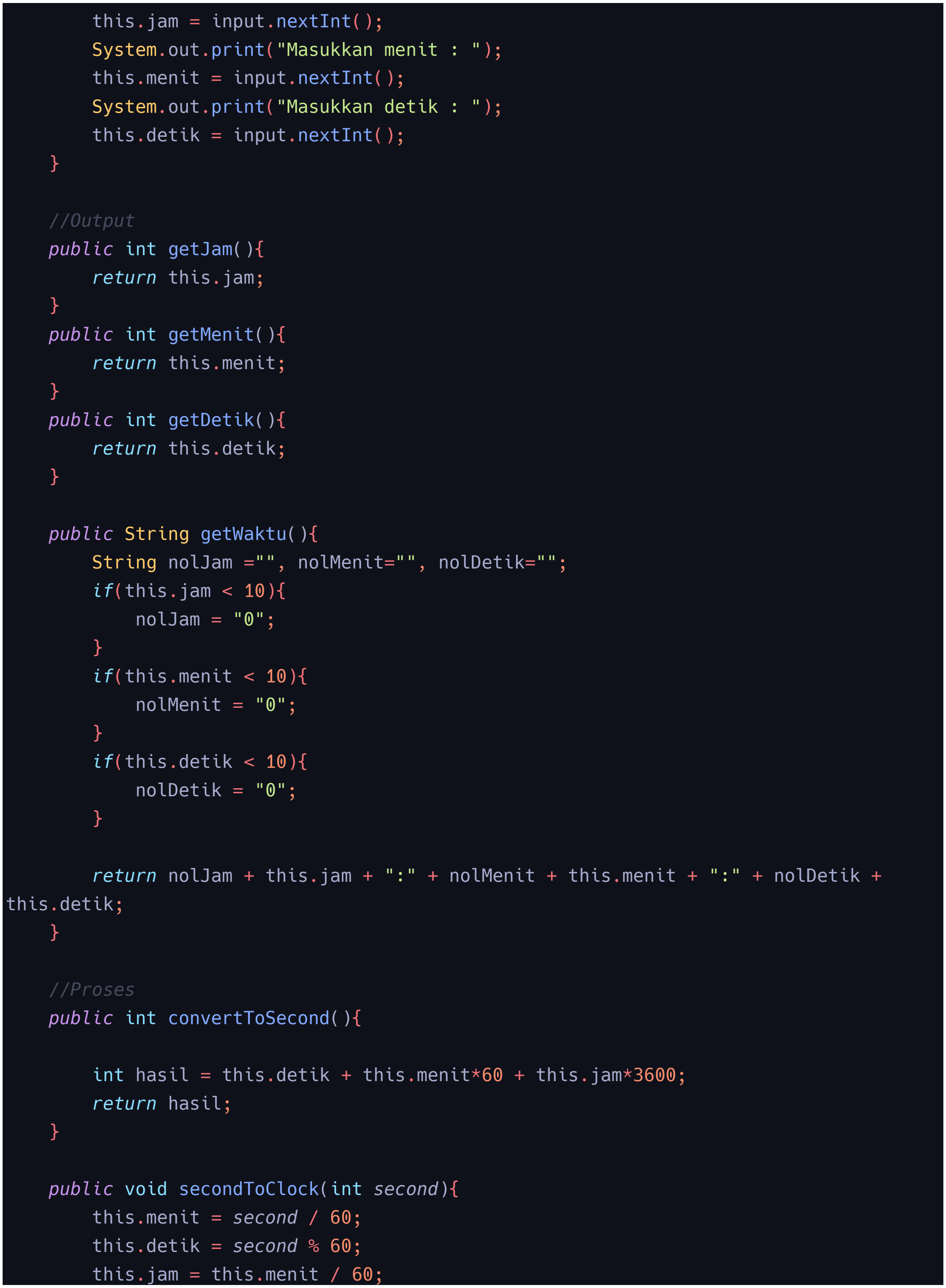
JATINANGOR

2022

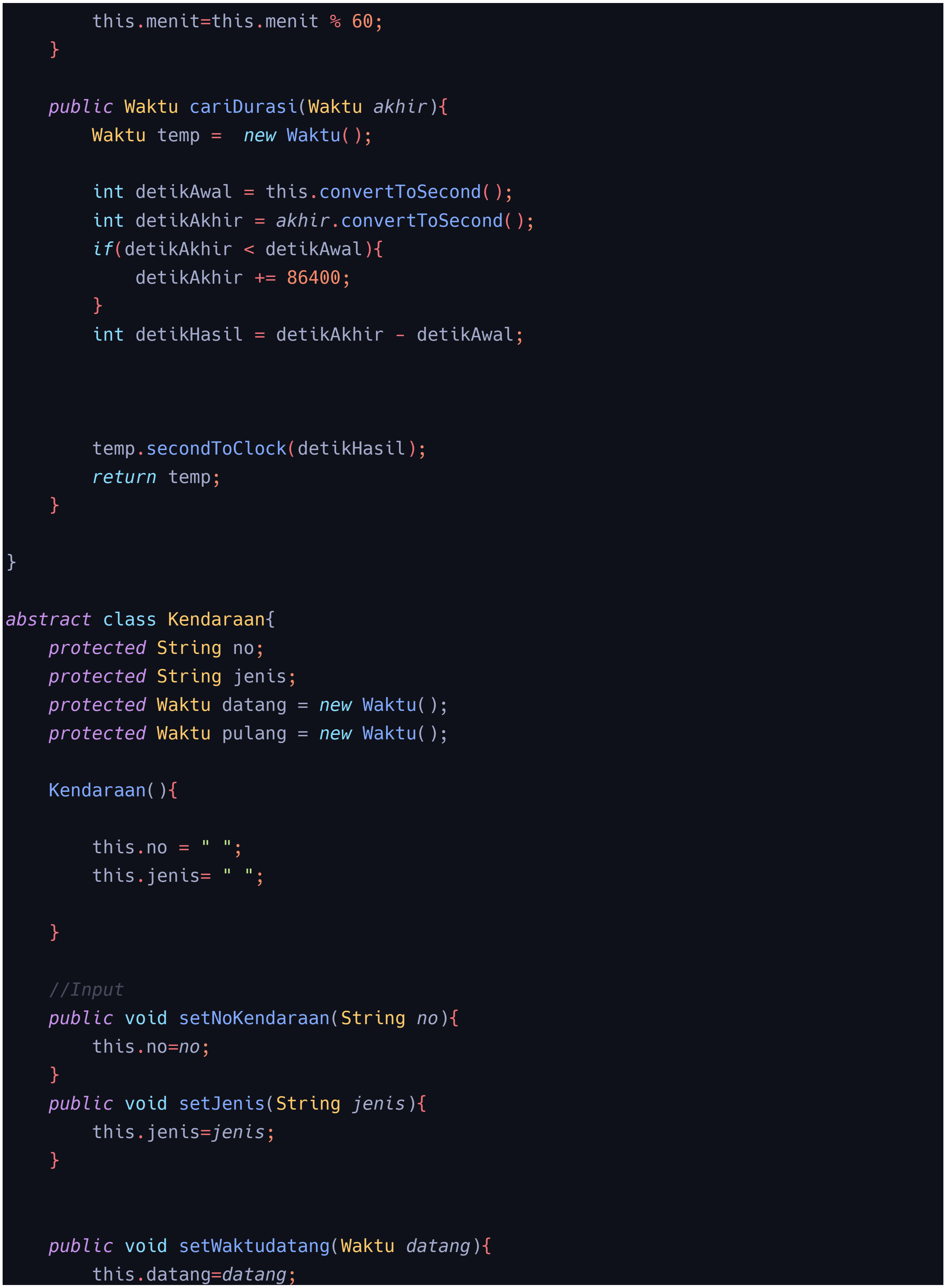
1. Java
    a. Source Code:



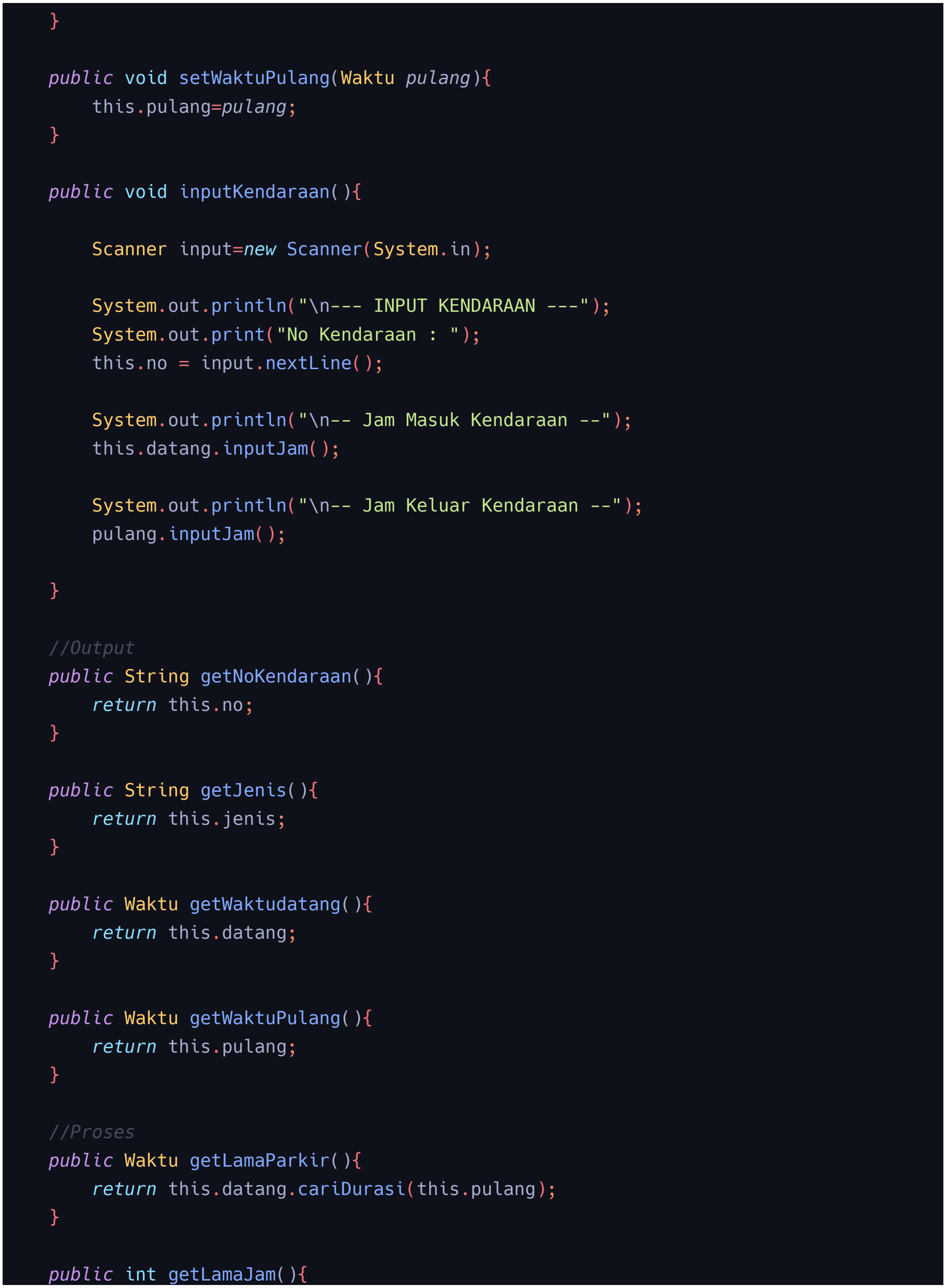
```java
/*
* Nama    : Amir Salim , Andre Nathaniel Adipraja , Prames Ray lapian , Ibrahim Dafi Iskandar
* NPM     : 140810210015 , 140810200042 , 140810210059 , 140810210039
* Kelas : A
* Tanggal : 11 November 2022
* Nama Program : Inheritance.java
* Deskripsi :  UTS SOAL 4 dengan turunan
*/

import java.util.Scanner;

class Waktu{
    private int jam, menit, detik;

    Waktu(int jam, int menit, int detik){
        this.jam = jam;
        this.menit = menit;
        this.detik = detik;

    }
    Waktu(){
        this.jam = 0;
        this.menit = 0;
        this.detik = 0;
    }

    //Input
    public void setJam(int jam){
        this.jam = jam;
    }

    public void setMenit(int menit){
        this.menit = menit;
    }
    public void setDetik(int detik){
        this.detik = detik;
    }

    public void inputJam(){
        Scanner input = new Scanner(System.in);
        System.out.print("Masukkan jam   : ");
```



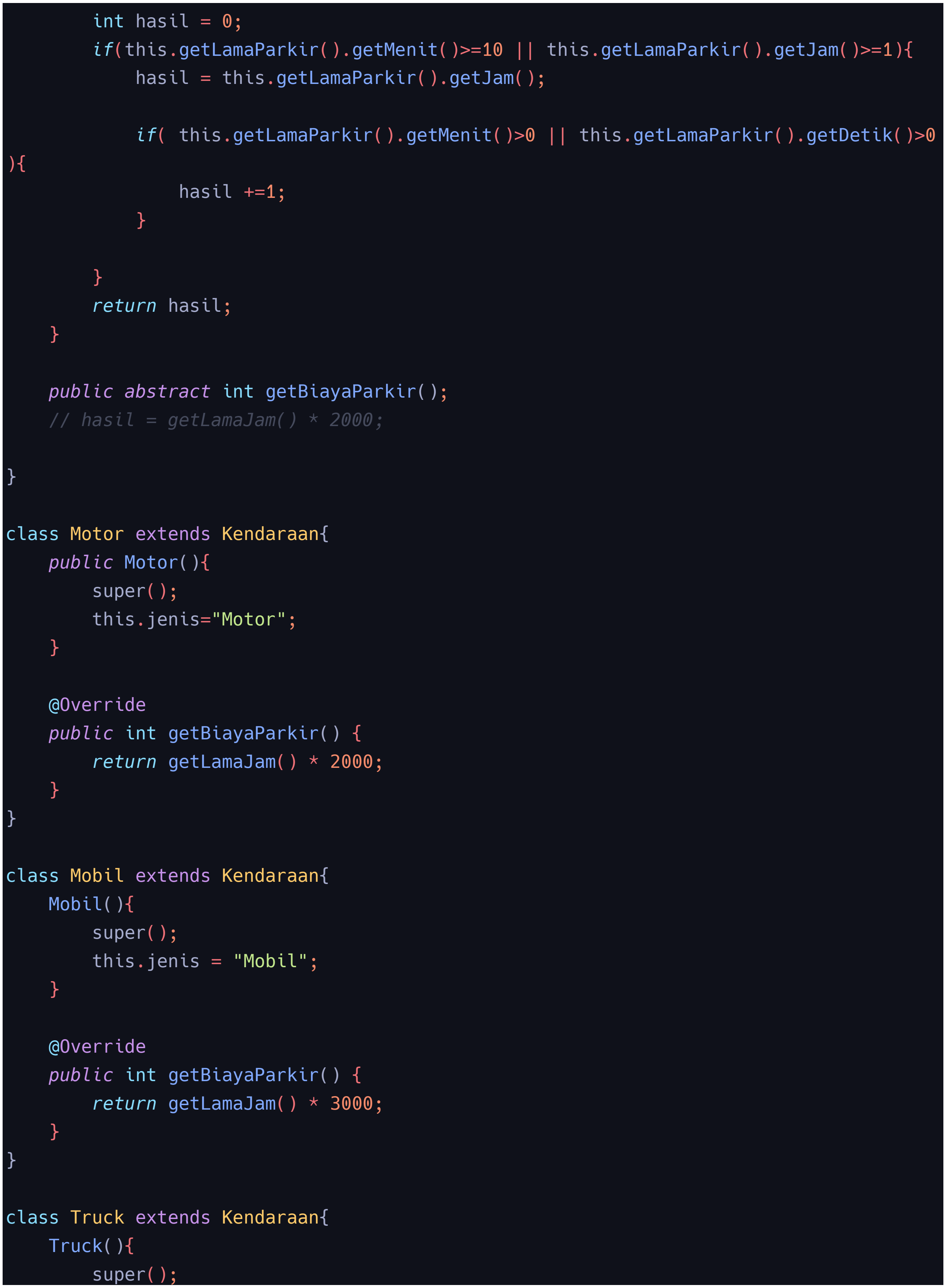
```
        this.jam = input.nextInt();
        System.out.print("Masukkan menit : ");
        this.menit = input.nextInt();
        System.out.print("Masukkan detik : ");
        this.detik = input.nextInt();
    }

    //Output
    public int getJam(){
        return this.jam;
    }
    public int getMenit(){
        return this.menit;
    }
    public int getDetik(){
        return this.detik;
    }

    public String getWaktu(){
        String nolJam ="", nolMenit="", nolDetik="";
        if(this.jam < 10){
            nolJam = "0";
        }
        if(this.menit < 10){
            nolMenit = "0";
        }
        if(this.detik < 10){
            nolDetik = "0";
        }

        return nolJam + this.jam + ":" + nolMenit + this.menit + ":" + nolDetik +
this.detik;
    }

    //Proses
    public int convertToSecond(){

        int hasil = this.detik + this.menit*60 + this.jam*3600;
        return hasil;
    }

    public void secondToClock(int second){
        this.menit = second / 60;
        this.detik = second % 60;
        this.jam = this.menit / 60;
```



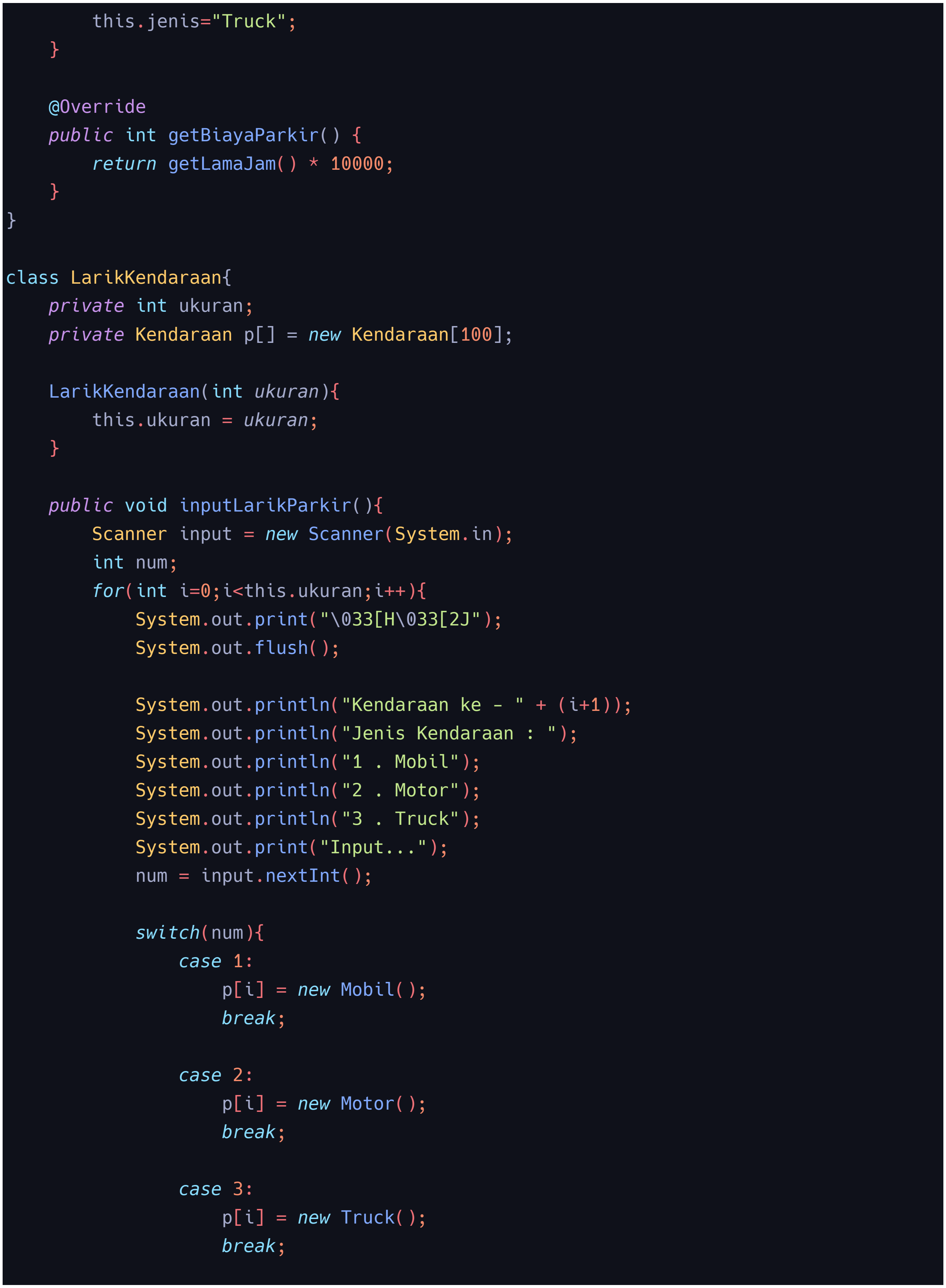
```
        this.menit=this.menit % 60;
    }

    public Waktu cariDurasi(Waktu akhir){
        Waktu temp =  new Waktu();

        int detikAwal = this.convertToSecond();
        int detikAkhir = akhir.convertToSecond();
        if(detikAkhir < detikAwal){
            detikAkhir += 86400;
        }
        int detikHasil = detikAkhir - detikAwal;



        temp.secondToClock(detikHasil);
        return temp;
    }

}

abstract class Kendaraan{
    protected String no;
    protected String jenis;
    protected Waktu datang = new Waktu();
    protected Waktu pulang = new Waktu();

    Kendaraan(){

        this.no = " ";
        this.jenis= " ";

    }

    //Input
    public void setNoKendaraan(String no){
        this.no=no;
    }
    public void setJenis(String jenis){
        this.jenis=jenis;
    }


    public void setWaktudatang(Waktu datang){
        this.datang=datang;
```



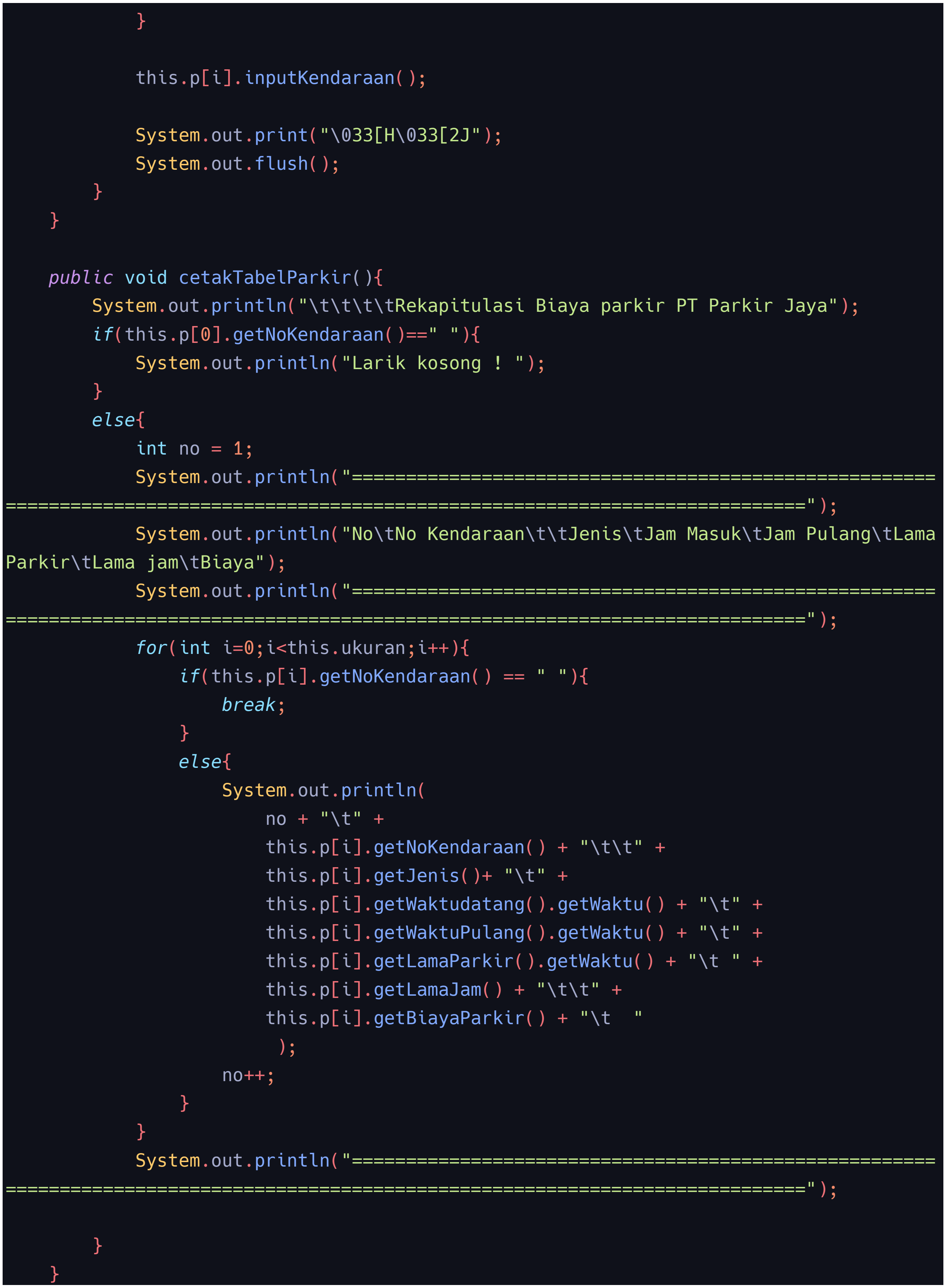
```java
    }

    public void setWaktuPulang(Waktu pulang){
        this.pulang=pulang;
    }

    public void inputKendaraan(){

        Scanner input=new Scanner(System.in);

        System.out.println("\n--- INPUT KENDARAAN ---");
        System.out.print("No Kendaraan : ");
        this.no = input.nextLine();

        System.out.println("\n-- Jam Masuk Kendaraan --");
        this.datang.inputJam();

        System.out.println("\n-- Jam Keluar Kendaraan --");
        pulang.inputJam();

    }

    //Output
    public String getNoKendaraan(){
        return this.no;
    }

    public String getJenis(){
        return this.jenis;
    }

    public Waktu getWaktudatang(){
        return this.datang;
    }

    public Waktu getWaktuPulang(){
        return this.pulang;
    }

    //Proses
    public Waktu getLamaParkir(){
        return this.datang.cariDurasi(this.pulang);
    }

    public int getLamaJam(){
```



```
        int hasil = 0;
        if(this.getLamaParkir().getMenit()>=10 || this.getLamaParkir().getJam()>=1){
            hasil = this.getLamaParkir().getJam();

            if( this.getLamaParkir().getMenit()>0 || this.getLamaParkir().getDetik()>0
){
                hasil +=1;
            }

        }
        return hasil;
    }

    public abstract int getBiayaParkir();
    // hasil = getLamaJam() * 2000;

}

class Motor extends Kendaraan{
    public Motor(){
        super();
        this.jenis="Motor";
    }

    @Override
    public int getBiayaParkir() {
        return getLamaJam() * 2000;
    }
}

class Mobil extends Kendaraan{
    Mobil(){
        super();
        this.jenis = "Mobil";
    }

    @Override
    public int getBiayaParkir() {
        return getLamaJam() * 3000;
    }
}

class Truck extends Kendaraan{
    Truck(){
        super();
```



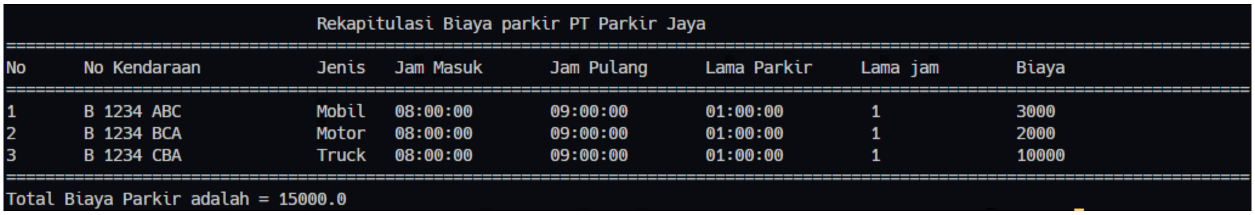
```
        this.jenis="Truck";
    }

    @Override
    public int getBiayaParkir() {
        return getLamaJam() * 10000;
    }
}

class LarikKendaraan{
    private int ukuran;
    private Kendaraan p[] = new Kendaraan[100];

    LarikKendaraan(int ukuran){
        this.ukuran = ukuran;
    }

    public void inputLarikParkir(){
        Scanner input = new Scanner(System.in);
        int num;
        for(int i=0;i<this.ukuran;i++){
            System.out.print("\033[H\033[2J");
            System.out.flush();

            System.out.println("Kendaraan ke - " + (i+1));
            System.out.println("Jenis Kendaraan : ");
            System.out.println("1 . Mobil");
            System.out.println("2 . Motor");
            System.out.println("3 . Truck");
            System.out.print("Input...");
            num = input.nextInt();

            switch(num){
                case 1:
                    p[i] = new Mobil();
                    break;

                case 2:
                    p[i] = new Motor();
                    break;

                case 3:
                    p[i] = new Truck();
                    break;
```



```
            }

            this.p[i].inputKendaraan();

            System.out.print("\033[H\033[2J");
            System.out.flush();
        }
    }

    public void cetakTabelParkir(){
        System.out.println("\t\t\t\tRekapitulasi Biaya parkir PT Parkir Jaya");
        if(this.p[0].getNoKendaraan()==" "){
            System.out.println("Larik kosong ! ");
        }
        else{
            int no = 1;
            System.out.println("====================================================
=======================================================================");
            System.out.println("No\tNo Kendaraan\t\tJenis\tJam Masuk\tJam Pulang\tLama
Parkir\tLama jam\tBiaya");
            System.out.println("====================================================
=======================================================================");
            for(int i=0;i<this.ukuran;i++){
                if(this.p[i].getNoKendaraan() == " "){
                    break;
                }
                else{
                    System.out.println(
                        no + "\t" +
                        this.p[i].getNoKendaraan() + "\t\t" +
                        this.p[i].getJenis()+ "\t" +
                        this.p[i].getWaktudatang().getWaktu() + "\t" +
                        this.p[i].getWaktuPulang().getWaktu() + "\t" +
                        this.p[i].getLamaParkir().getWaktu() + "\t " +
                        this.p[i].getLamaJam() + "\t\t" +
                        this.p[i].getBiayaParkir() + "\t  "
                         );
                    no++;
                }
            }
            System.out.println("====================================================
=======================================================================");


        }
    }
```

```java
    public float totalBiaya(){
        float hasil = 0;
        for(int i=0;i<this.ukuran;i++){
            hasil +=this.p[i].getBiayaParkir();
        }
        return hasil;
    }
}


public class Inheritance{
    public static void main(String[] args) {
        Scanner input=new Scanner(System.in);
        int uk;
        System.out.print("Masukkan banyak kendaraan : ");
        uk = input.nextInt();

        System.out.print("\033[H\033[2J");
        System.out.flush();

        LarikKendaraan lp = new LarikKendaraan(uk);

        lp.inputLarikParkir();
        System.out.print("\033[H\033[2J");
        System.out.flush();
        lp.cetakTabelParkir();

        System.out.println("Total Biaya Parkir adalah = "+ lp.totalBiaya());
    }
}
```

b. Screenshot:

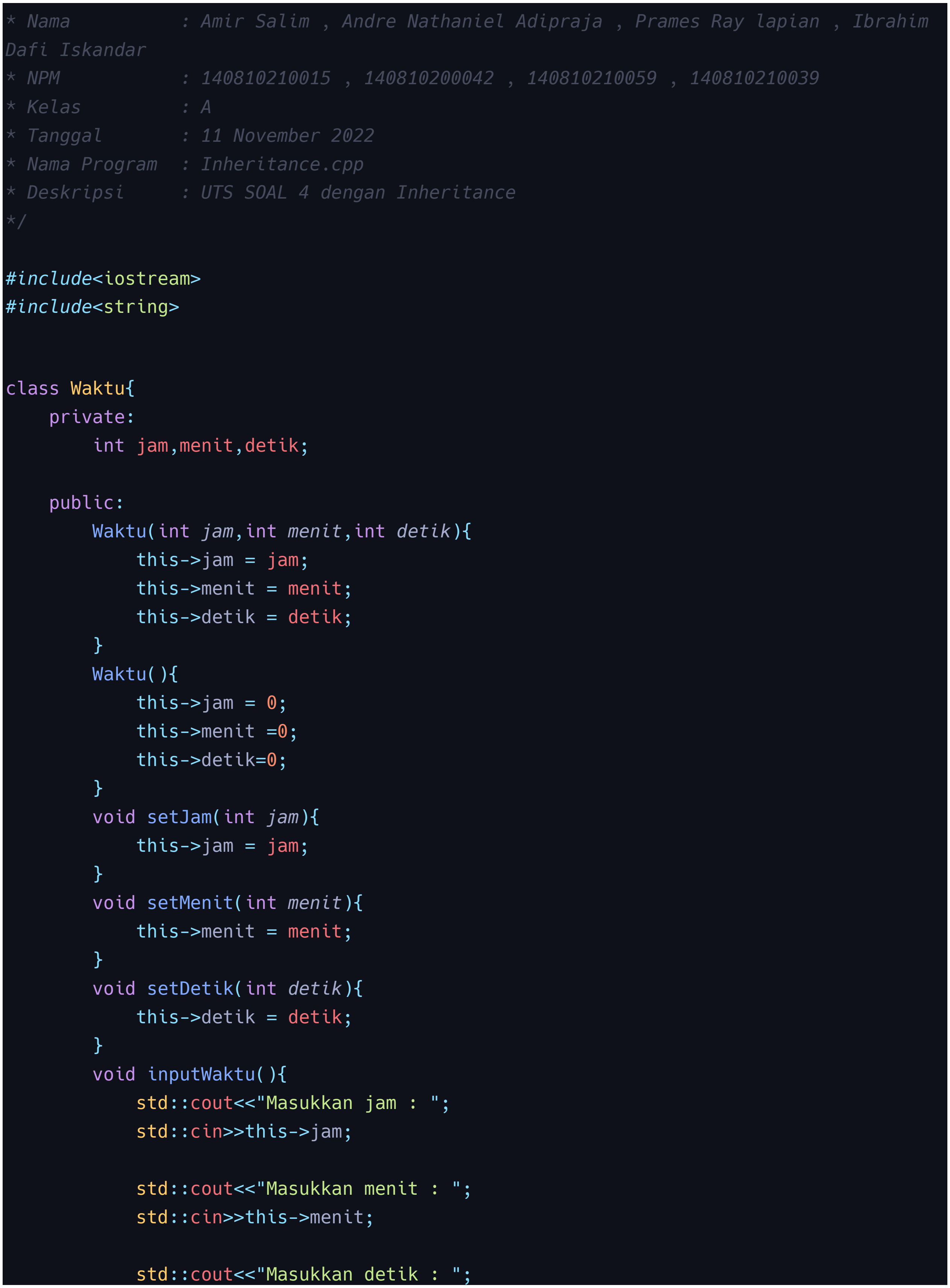


```
                                Rekapitulasi Biaya parkir PT Parkir Jaya
=====================================================================================================================================
No      No Kendaraan            Jenis   Jam Masuk       Jam Pulang      Lama Parkir     Lama jam        Biaya
=====================================================================================================================================
1       B 1234 ABC              Mobil   08:00:00        09:00:00        01:00:00         1              3000
2       B 1234 BCA              Motor   08:00:00        09:00:00        01:00:00         1              2000
3       B 1234 CBA              Truck   08:00:00        09:00:00        01:00:00         1              10000
=====================================================================================================================================
Total Biaya Parkir adalah = 15000.0
```

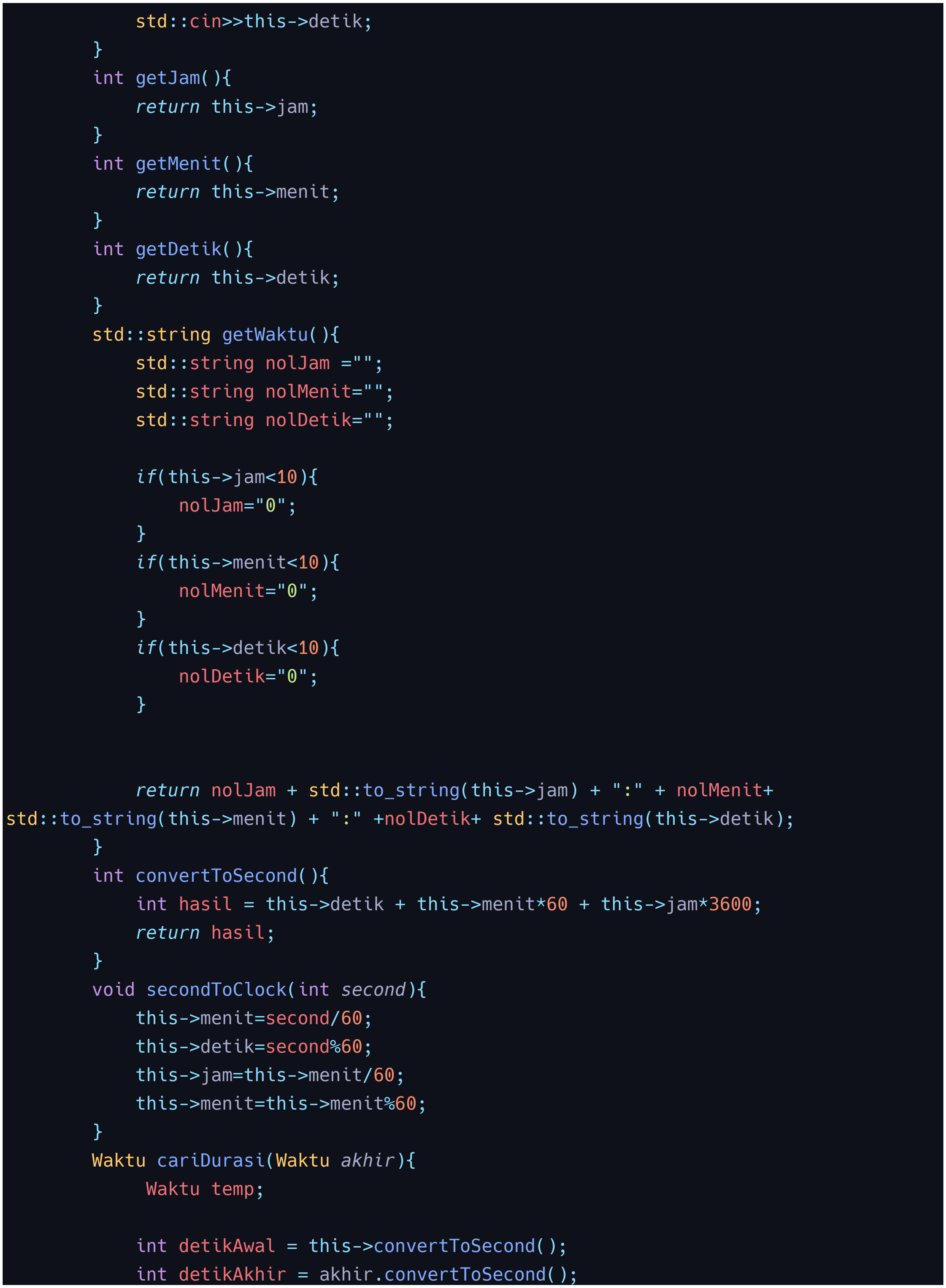
2. C++

a. Source Code:

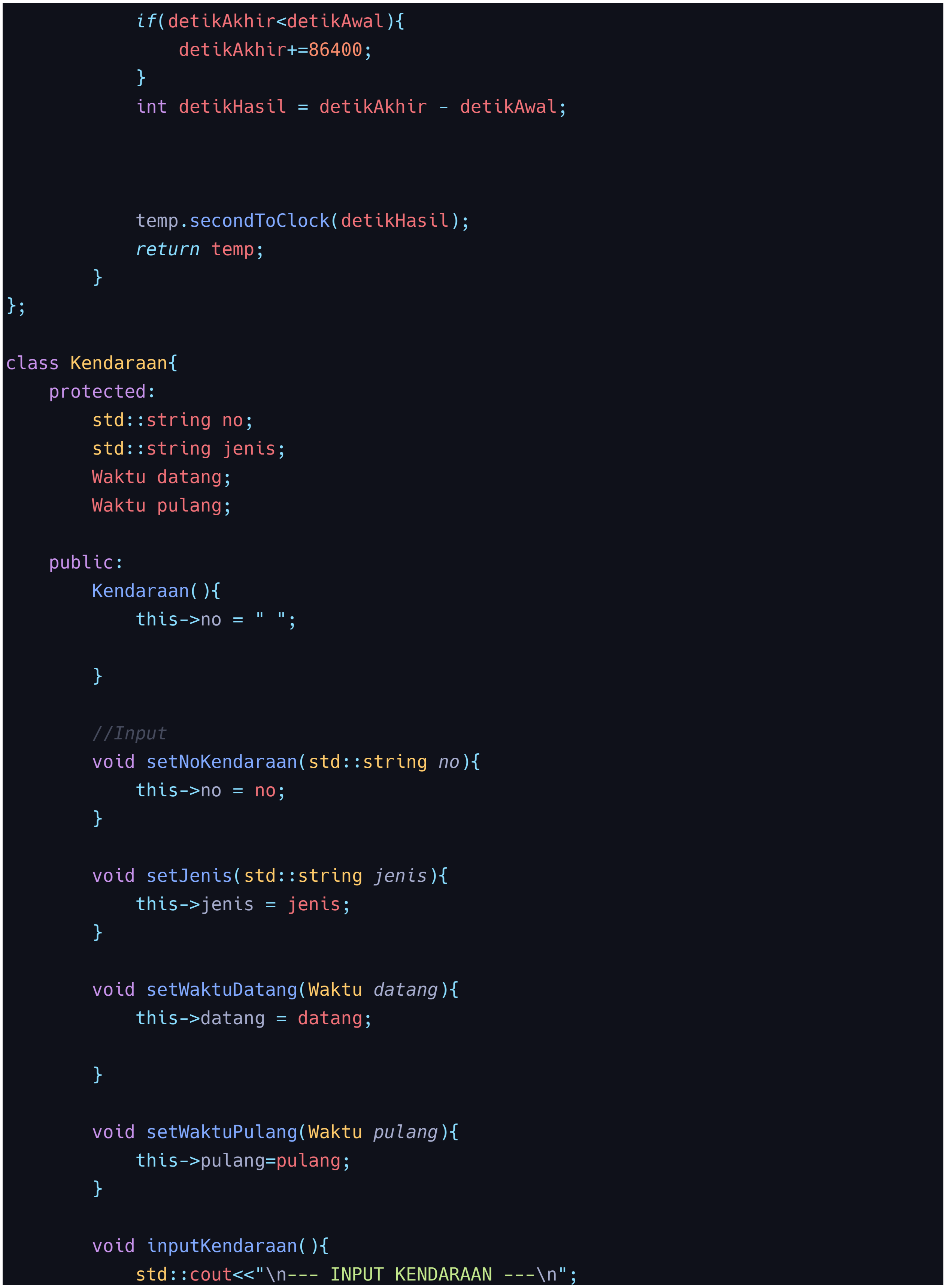
```
/*
```



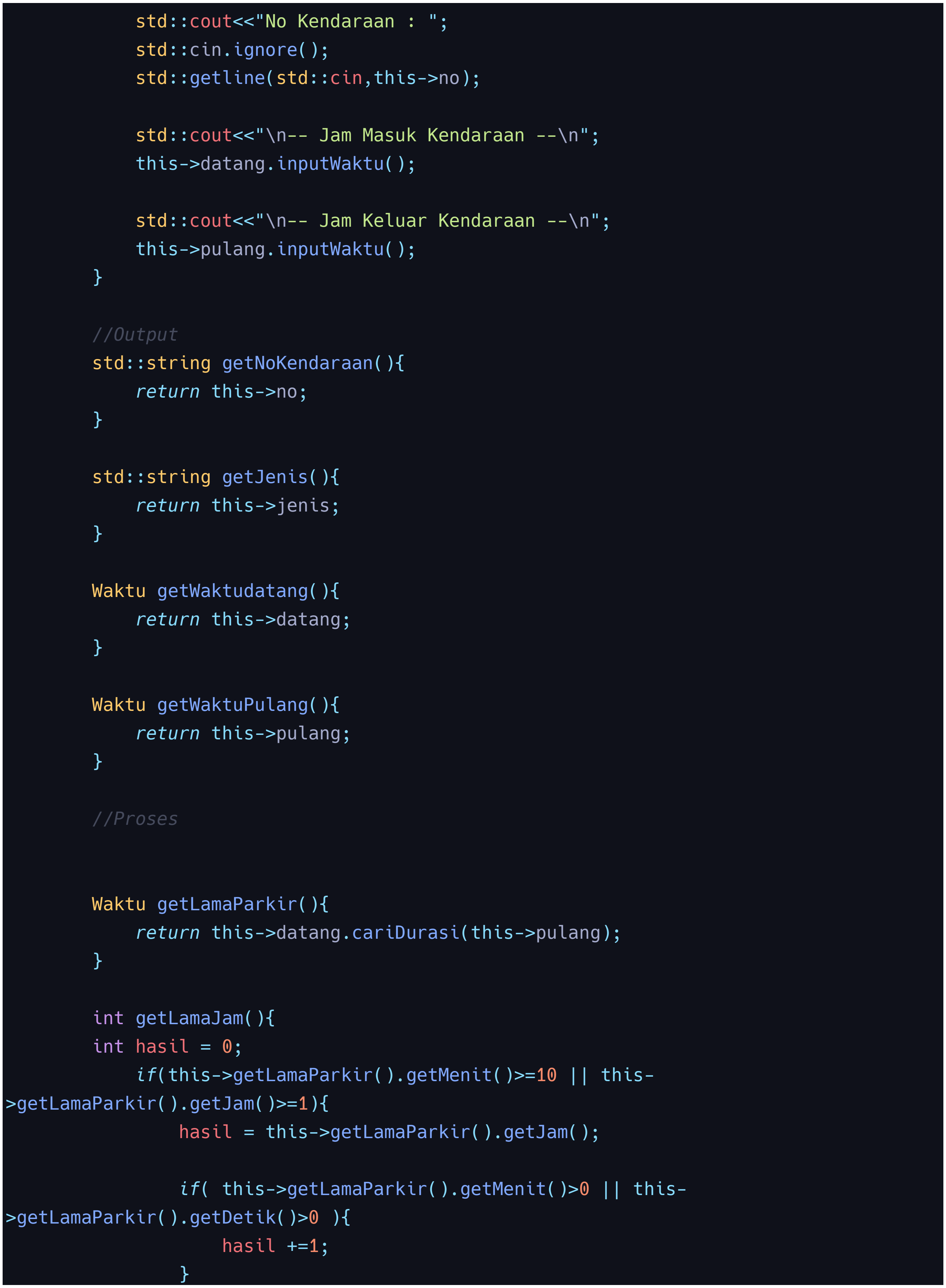
```
* Nama          : Amir Salim , Andre Nathaniel Adipraja , Prames Ray lapian , Ibrahim
Dafi Iskandar
* NPM           : 140810210015 , 140810200042 , 140810210059 , 140810210039
* Kelas         : A
* Tanggal       : 11 November 2022
* Nama Program  : Inheritance.cpp
* Deskripsi     : UTS SOAL 4 dengan Inheritance
*/

#include<iostream>
#include<string>


class Waktu{
    private:
        int jam,menit,detik;

    public:
        Waktu(int jam,int menit,int detik){
            this->jam = jam;
            this->menit = menit;
            this->detik = detik;
        }
        Waktu(){
            this->jam = 0;
            this->menit =0;
            this->detik=0;
        }
        void setJam(int jam){
            this->jam = jam;
        }
        void setMenit(int menit){
            this->menit = menit;
        }
        void setDetik(int detik){
            this->detik = detik;
        }
        void inputWaktu(){
            std::cout<<"Masukkan jam : ";
            std::cin>>this->jam;

            std::cout<<"Masukkan menit : ";
            std::cin>>this->menit;

            std::cout<<"Masukkan detik : ";
```



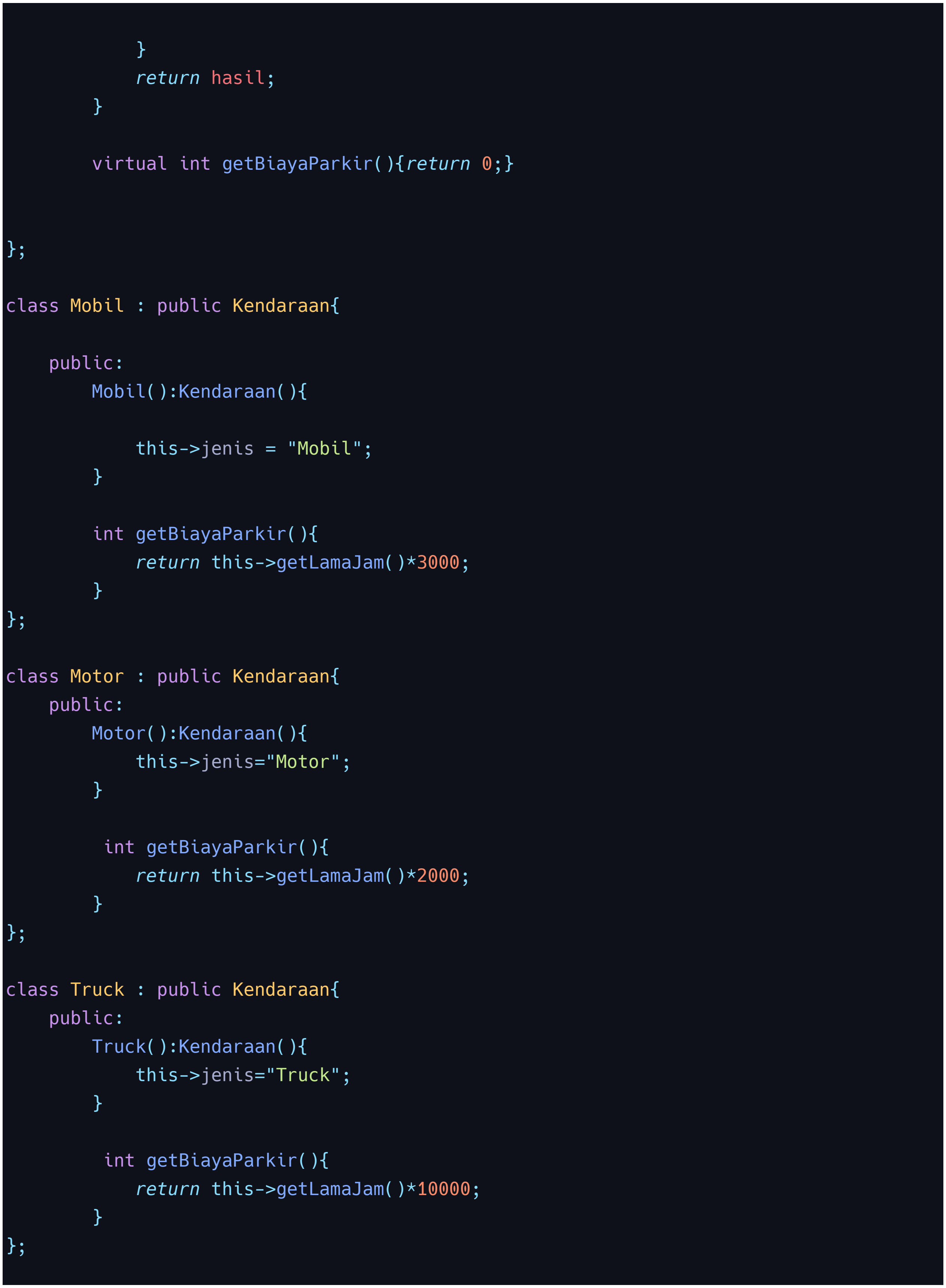
```
            std::cin>>this->detik;
        }
        int getJam(){
            return this->jam;
        }
        int getMenit(){
            return this->menit;
        }
        int getDetik(){
            return this->detik;
        }
        std::string getWaktu(){
            std::string nolJam ="";
            std::string nolMenit="";
            std::string nolDetik="";

            if(this->jam<10){
                nolJam="0";
            }
            if(this->menit<10){
                nolMenit="0";
            }
            if(this->detik<10){
                nolDetik="0";
            }


            return nolJam + std::to_string(this->jam) + ":" + nolMenit+
std::to_string(this->menit) + ":" +nolDetik+ std::to_string(this->detik);
        }
        int convertToSecond(){
            int hasil = this->detik + this->menit*60 + this->jam*3600;
            return hasil;
        }
        void secondToClock(int second){
            this->menit=second/60;
            this->detik=second%60;
            this->jam=this->menit/60;
            this->menit=this->menit%60;
        }
        Waktu cariDurasi(Waktu akhir){
             Waktu temp;

            int detikAwal = this->convertToSecond();
            int detikAkhir = akhir.convertToSecond();
```



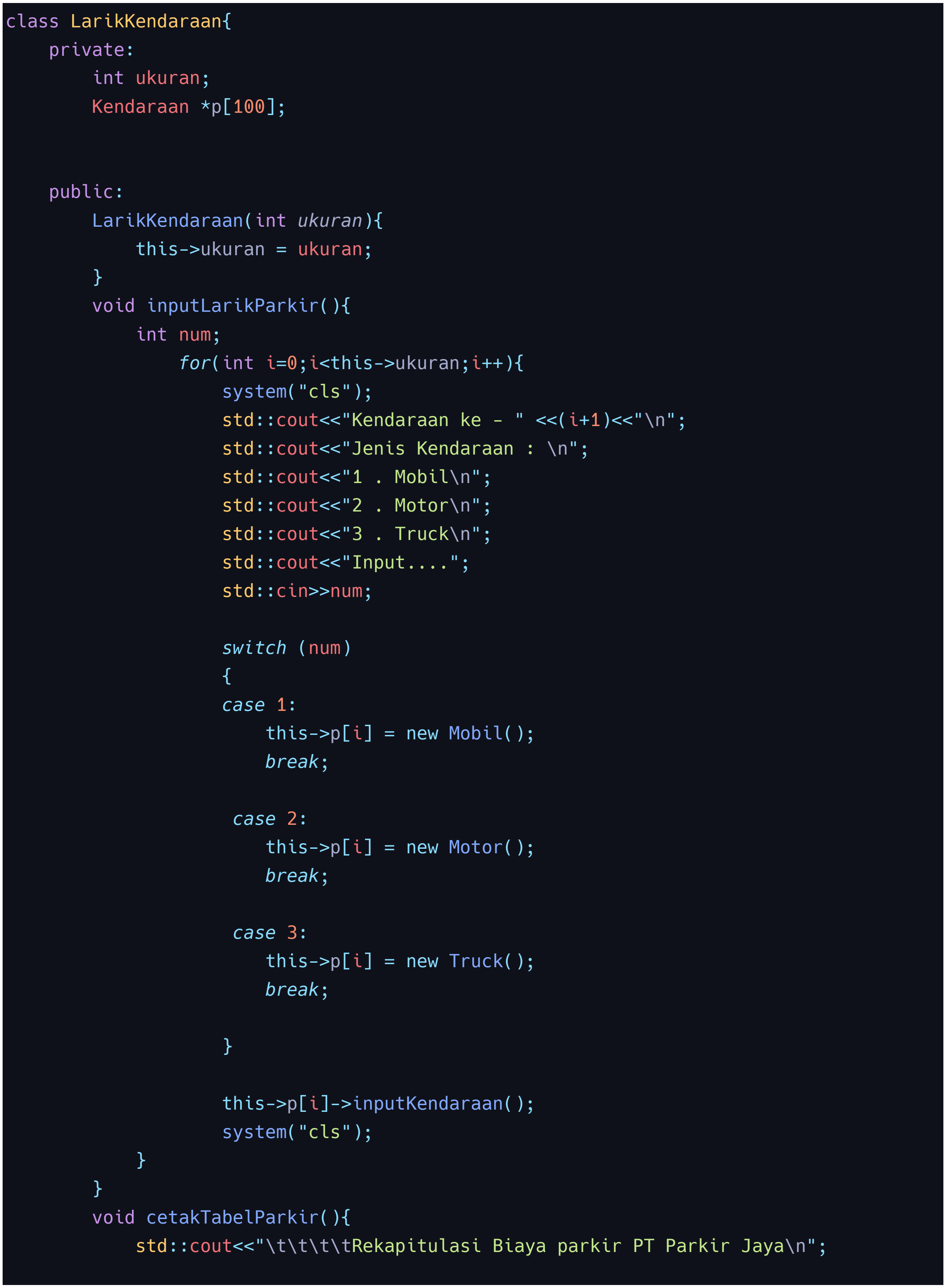
```
            if(detikAkhir<detikAwal){
                detikAkhir+=86400;
            }
            int detikHasil = detikAkhir - detikAwal;



            temp.secondToClock(detikHasil);
            return temp;
        }
};

class Kendaraan{
    protected:
        std::string no;
        std::string jenis;
        Waktu datang;
        Waktu pulang;

    public:
        Kendaraan( ){
            this->no = " ";

        }

        //Input
        void setNoKendaraan(std::string no){
            this->no = no;
        }

        void setJenis(std::string jenis){
            this->jenis = jenis;
        }

        void setWaktuDatang(Waktu datang){
            this->datang = datang;

        }

        void setWaktuPulang(Waktu pulang){
            this->pulang=pulang;
        }

        void inputKendaraan( ){
            std::cout<<"\n--- INPUT KENDARAAN ---\n";
```



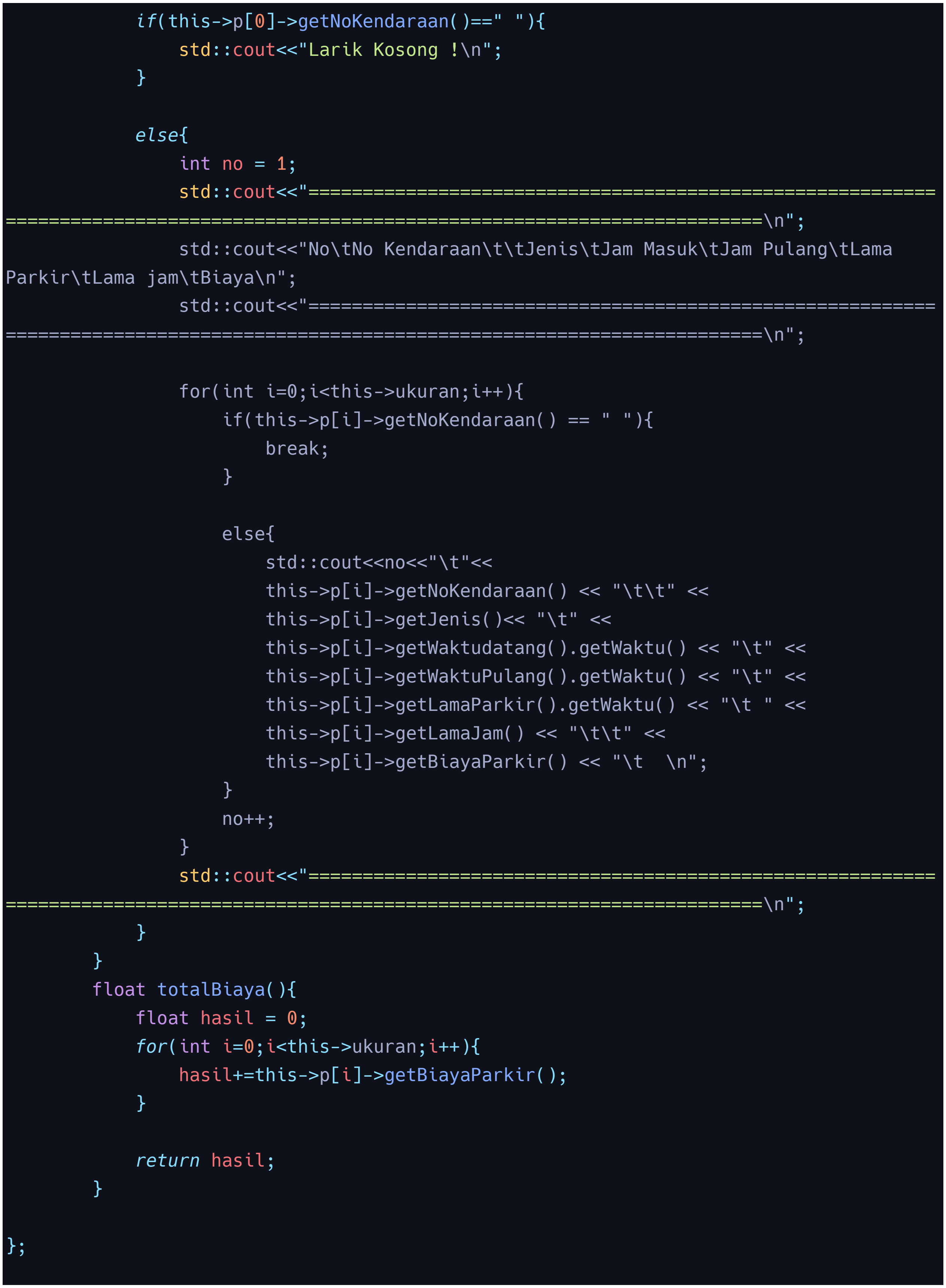
```
            std::cout<<"No Kendaraan : ";
            std::cin.ignore();
            std::getline(std::cin,this->no);

            std::cout<<"\n-- Jam Masuk Kendaraan --\n";
            this->datang.inputWaktu();

            std::cout<<"\n-- Jam Keluar Kendaraan --\n";
            this->pulang.inputWaktu();
        }

        //Output
        std::string getNoKendaraan(){
            return this->no;
        }

        std::string getJenis(){
            return this->jenis;
        }

        Waktu getWaktudatang(){
            return this->datang;
        }

        Waktu getWaktuPulang(){
            return this->pulang;
        }

        //Proses


        Waktu getLamaParkir(){
            return this->datang.cariDurasi(this->pulang);
        }

        int getLamaJam(){
        int hasil = 0;
            if(this->getLamaParkir().getMenit()>=10 || this-
>getLamaParkir().getJam()>=1){
                hasil = this->getLamaParkir().getJam();

                if( this->getLamaParkir().getMenit()>0 || this-
>getLamaParkir().getDetik()>0 ){
                    hasil +=1;
                }
```



```
            }
            return hasil;
        }

        virtual int getBiayaParkir(){return 0;}


};

class Mobil : public Kendaraan{

    public:
        Mobil():Kendaraan(){

            this->jenis = "Mobil";
        }

        int getBiayaParkir(){
            return this->getLamaJam()*3000;
        }
};

class Motor : public Kendaraan{
    public:
        Motor():Kendaraan(){
            this->jenis="Motor";
        }

         int getBiayaParkir(){
            return this->getLamaJam()*2000;
        }
};

class Truck : public Kendaraan{
    public:
        Truck():Kendaraan(){
            this->jenis="Truck";
        }

         int getBiayaParkir(){
            return this->getLamaJam()*10000;
        }
};
```



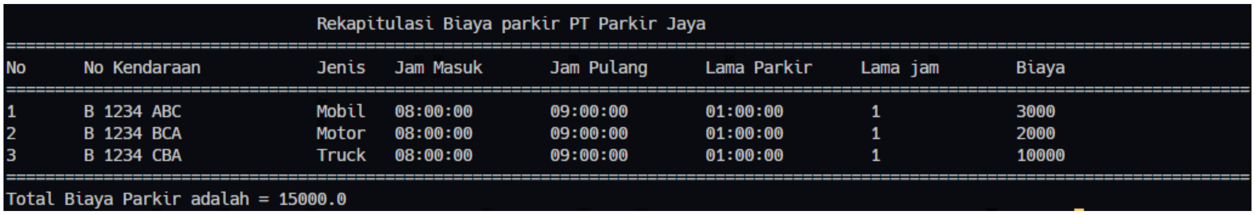
```
class LarikKendaraan{
    private:
        int ukuran;
        Kendaraan *p[100];


    public:
        LarikKendaraan(int ukuran){
            this->ukuran = ukuran;
        }
        void inputLarikParkir(){
            int num;
                for(int i=0;i<this->ukuran;i++){
                    system("cls");
                    std::cout<<"Kendaraan ke - " <<(i+1)<<"\n";
                    std::cout<<"Jenis Kendaraan : \n";
                    std::cout<<"1 . Mobil\n";
                    std::cout<<"2 . Motor\n";
                    std::cout<<"3 . Truck\n";
                    std::cout<<"Input....";
                    std::cin>>num;

                    switch (num)
                    {
                    case 1:
                        this->p[i] = new Mobil();
                        break;

                     case 2:
                        this->p[i] = new Motor();
                        break;

                     case 3:
                        this->p[i] = new Truck();
                        break;

                    }

                    this->p[i]->inputKendaraan();
                    system("cls");
            }
        }
        void cetakTabelParkir(){
            std::cout<<"\t\t\t\tRekapitulasi Biaya parkir PT Parkir Jaya\n";
```



```
            if(this->p[0]->getNoKendaraan()==" "){
                std::cout<<"Larik Kosong !\n";
            }

            else{
                int no = 1;
                std::cout<<"==========================================================
======================================================================\n";
                std::cout<<"No\tNo Kendaraan\t\tJenis\tJam Masuk\tJam Pulang\tLama
Parkir\tLama jam\tBiaya\n";
                std::cout<<"==========================================================
======================================================================\n";

                for(int i=0;i<this->ukuran;i++){
                    if(this->p[i]->getNoKendaraan() == " "){
                        break;
                    }

                    else{
                        std::cout<<no<<"\t"<<
                        this->p[i]->getNoKendaraan() << "\t\t" <<
                        this->p[i]->getJenis()<< "\t" <<
                        this->p[i]->getWaktudatang().getWaktu() << "\t" <<
                        this->p[i]->getWaktuPulang().getWaktu() << "\t" <<
                        this->p[i]->getLamaParkir().getWaktu() << "\t " <<
                        this->p[i]->getLamaJam() << "\t\t" <<
                        this->p[i]->getBiayaParkir() << "\t  \n";
                    }
                    no++;
                }
                std::cout<<"==========================================================
======================================================================\n";
            }
        }
        float totalBiaya(){
            float hasil = 0;
            for(int i=0;i<this->ukuran;i++){
                hasil+=this->p[i]->getBiayaParkir();
            }

            return hasil;
        }

};
```

```
int main()
{
    int ukuran;
    std::cout<<"Masukkan jumlah kendaraan = ";
    std::cin>>ukuran;

    LarikKendaraan lp(ukuran);

    system("cls");

    lp.inputLarikParkir();
    system("cls");
    lp.cetakTabelParkir();

    std::cout<<"Total Biaya adalah = "<<lp.totalBiaya();

    return 0;
}
```

b. Screenshot:

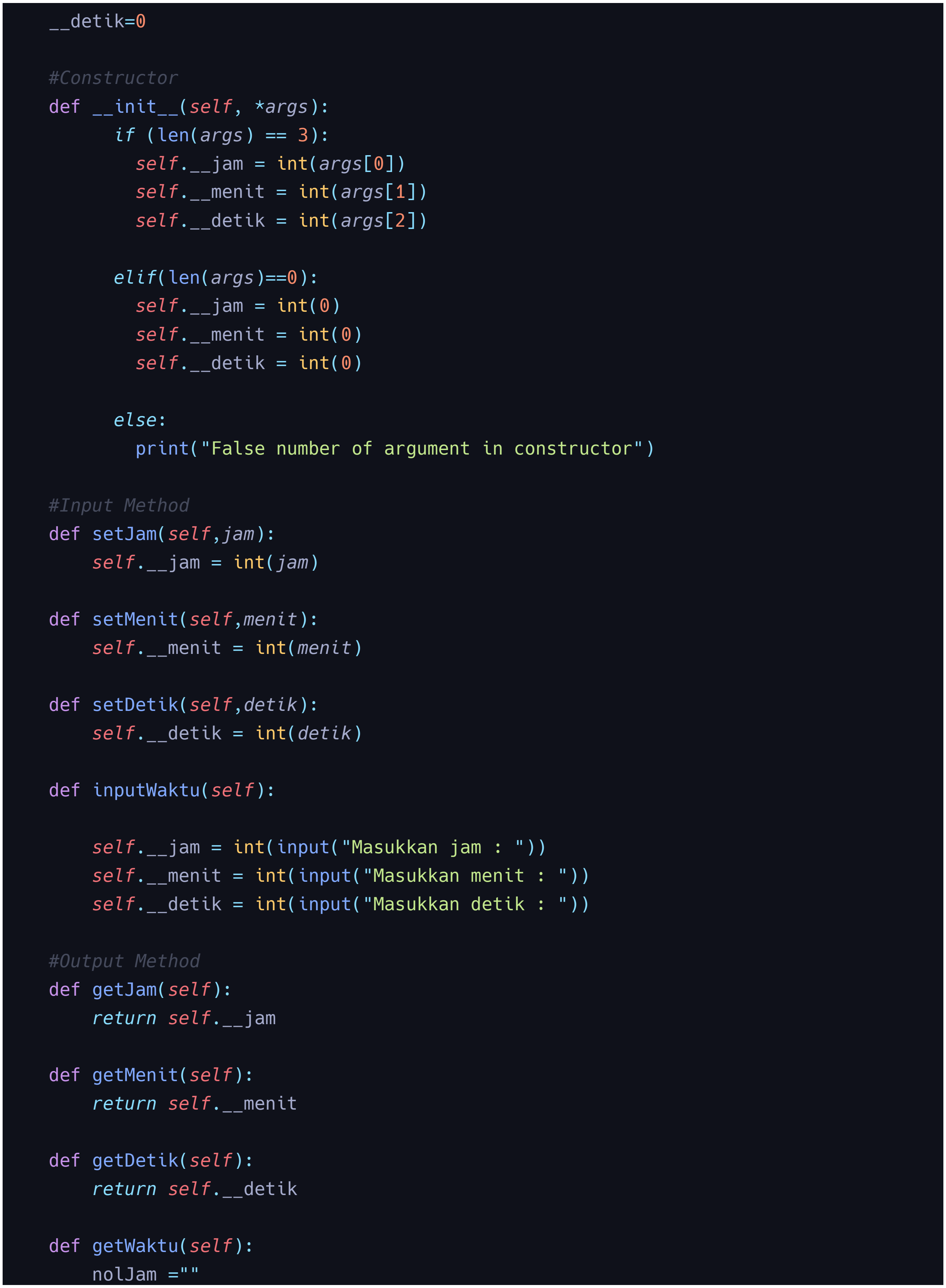


```
                                Rekapitulasi Biaya parkir PT Parkir Jaya
=============================================================================================================================
No      No Kendaraan            Jenis   Jam Masuk       Jam Pulang      Lama Parkir     Lama jam        Biaya
=============================================================================================================================
1       B 1234 ABC              Mobil   08:00:00        09:00:00        01:00:00        1               3000
2       B 1234 BCA              Motor   08:00:00        09:00:00        01:00:00        1               2000
3       B 1234 CBA              Truck   08:00:00        09:00:00        01:00:00        1               10000
=============================================================================================================================
Total Biaya Parkir adalah = 15000.0
```

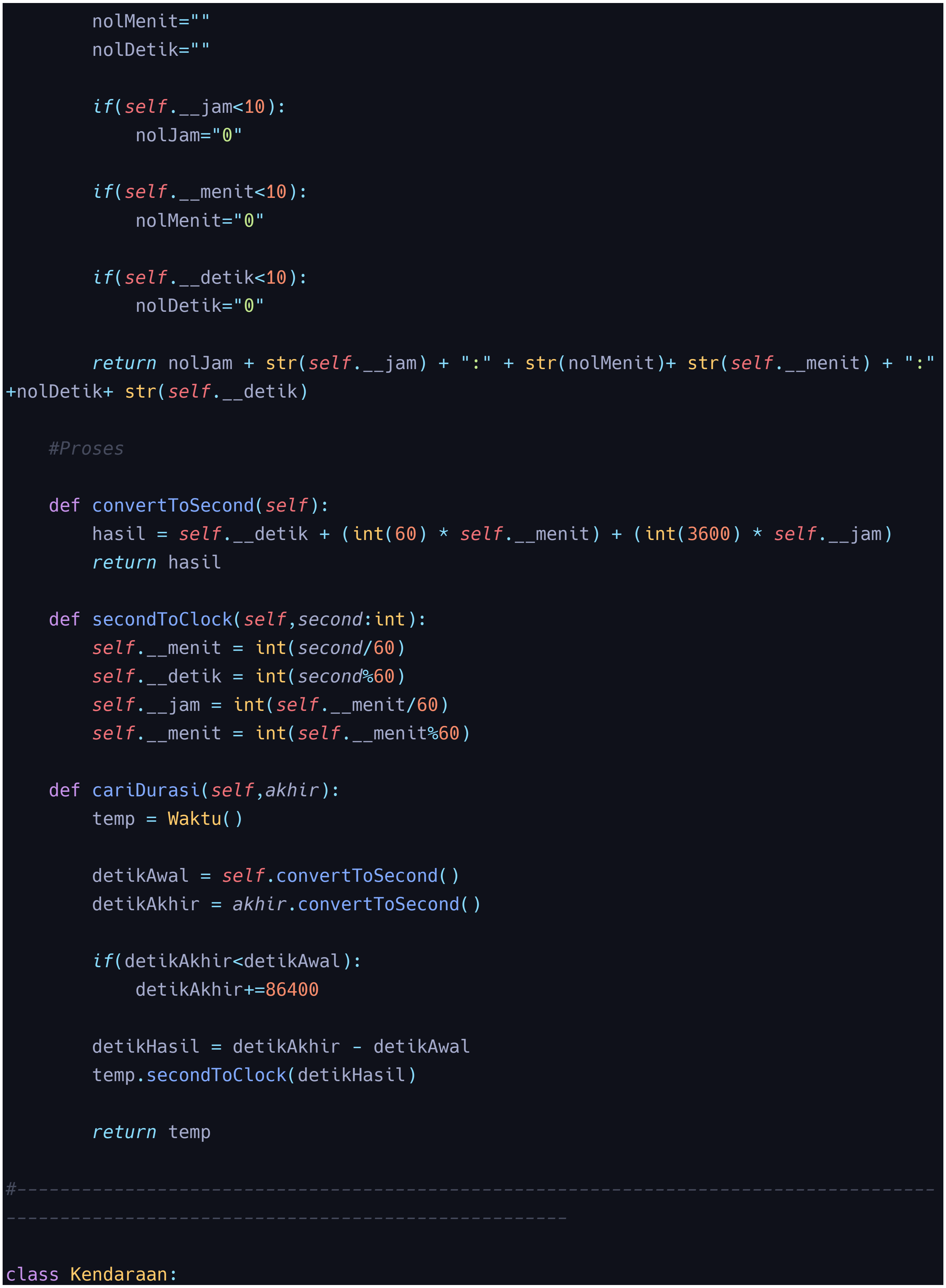
3. Pyton

a. Source Code:

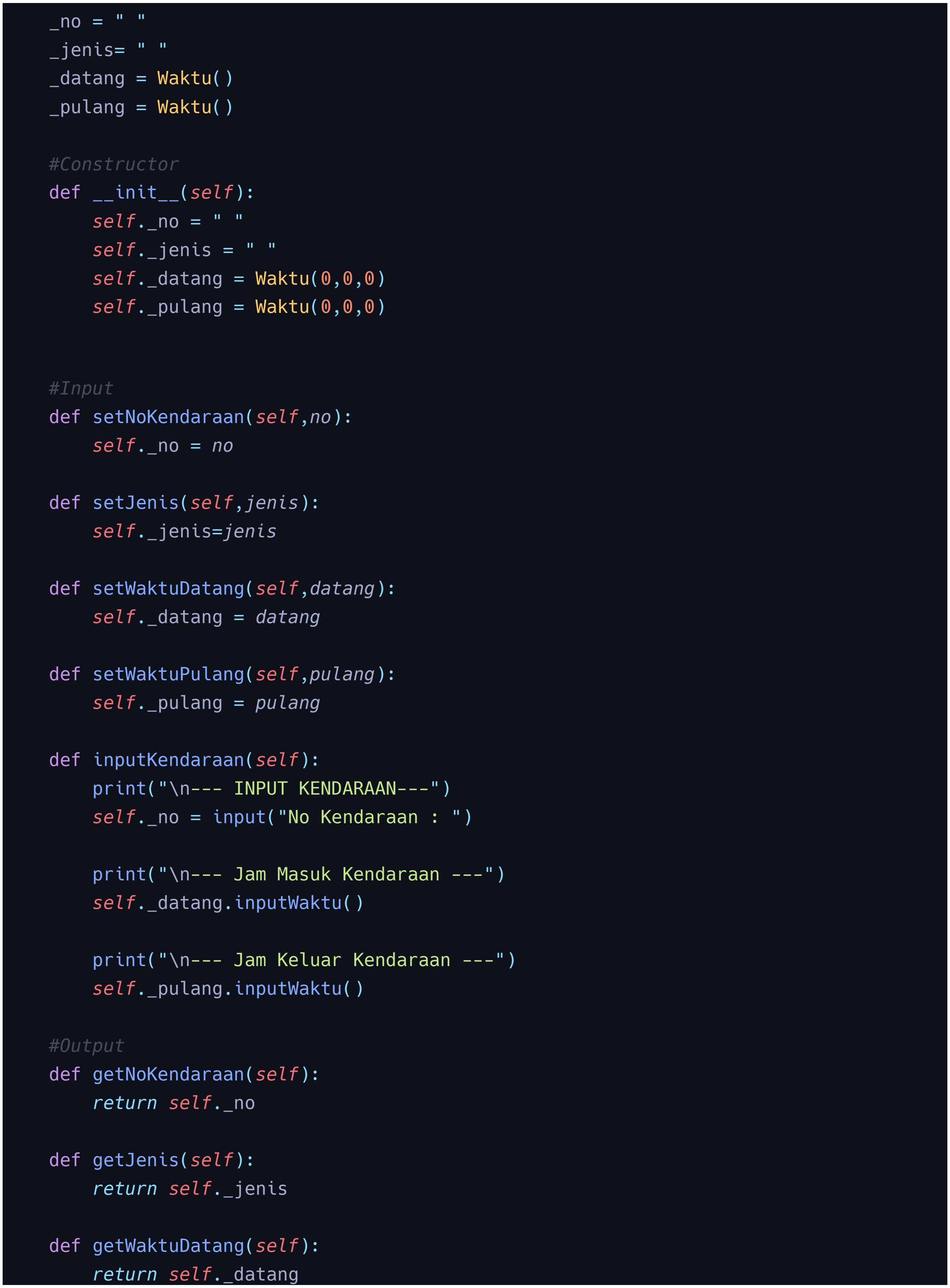
```
# Nama          : Amir Salim , Andre Nathaniel Adipraja , Prames Ray lapian , Ibrahim
Dafi Iskandar
# NPM           : 140810210015 , 140810200042 , 140810210059 , 140810210039
# Kelas         : A
# Tanggal       : 11 November 2022
# Nama Program  : Inheritance.py
# Deskripsi     : UTS SOAL 4 dengan turunan

from os import system

class Waktu:

    #Attribute
    __jam=0
    __menit=0
```



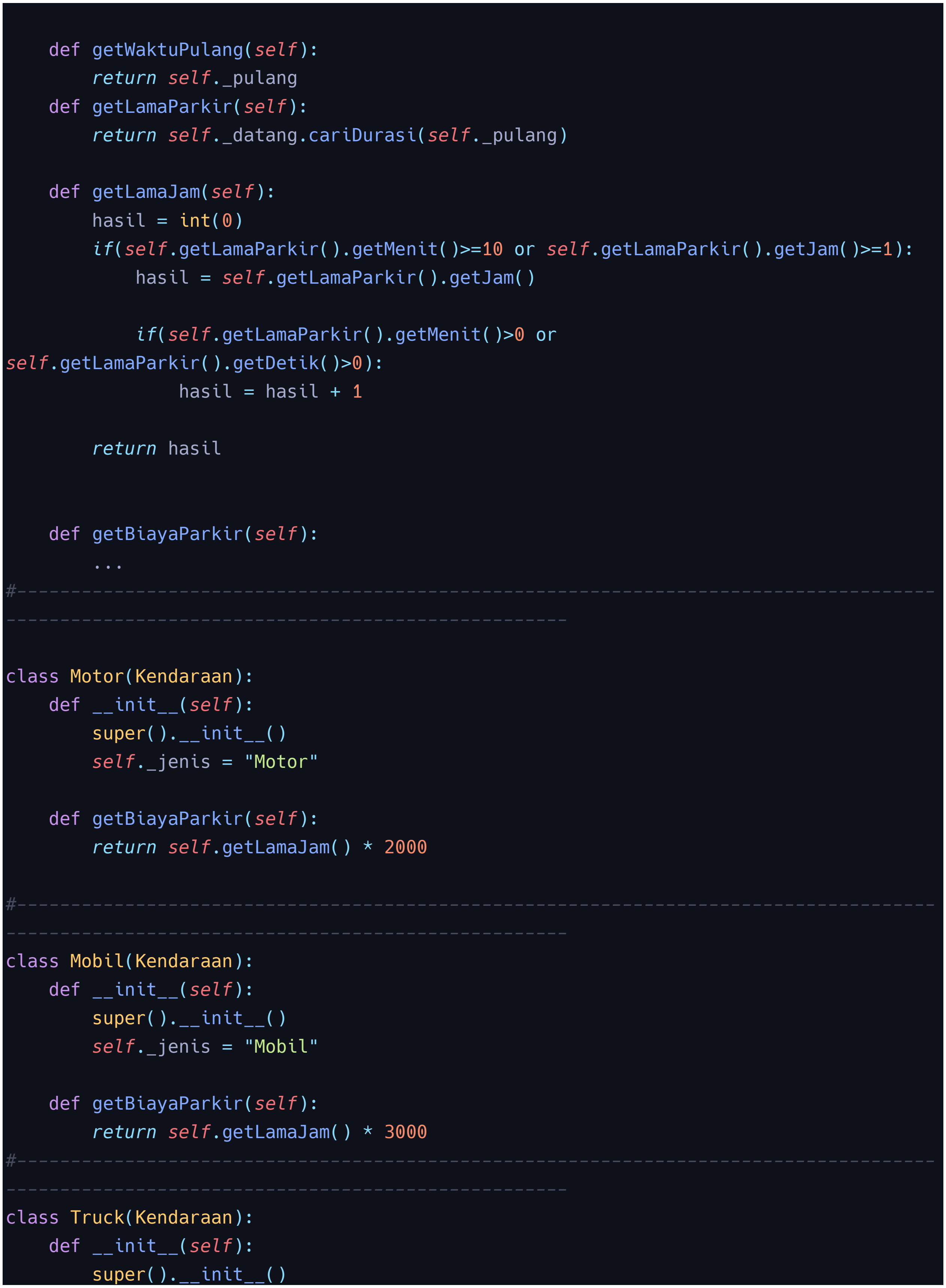
```
__detik=0

#Constructor
def __init__(self, *args):
   if (len(args) == 3):
    self.__jam = int(args[0])
    self.__menit = int(args[1])
    self.__detik = int(args[2])

   elif(len(args)==0):
    self.__jam = int(0)
    self.__menit = int(0)
    self.__detik = int(0)

   else:
    print("False number of argument in constructor")

#Input Method
def setJam(self,jam):
  self.__jam = int(jam)

def setMenit(self,menit):
  self.__menit = int(menit)

def setDetik(self,detik):
  self.__detik = int(detik)

def inputWaktu(self):

  self.__jam = int(input("Masukkan jam : "))
  self.__menit = int(input("Masukkan menit : "))
  self.__detik = int(input("Masukkan detik : "))

#Output Method
def getJam(self):
  return self.__jam

def getMenit(self):
  return self.__menit

def getDetik(self):
  return self.__detik

def getWaktu(self):
  nolJam =""
```



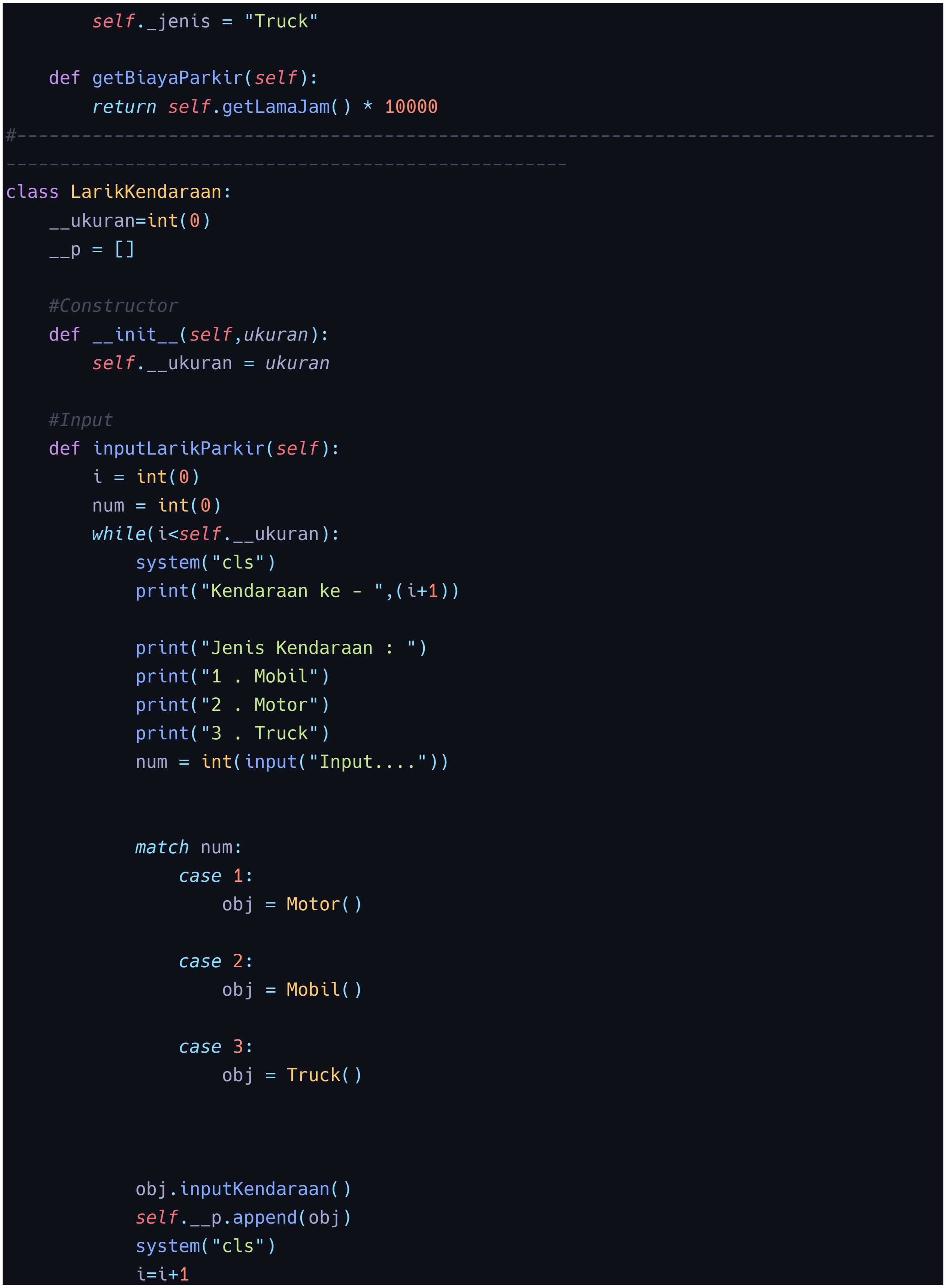
```
        nolMenit=""
        nolDetik=""

        if(self.__jam<10):
            nolJam="0"

        if(self.__menit<10):
            nolMenit="0"

        if(self.__detik<10):
            nolDetik="0"

        return nolJam + str(self.__jam) + ":" + str(nolMenit)+ str(self.__menit) + ":"
+nolDetik+ str(self.__detik)

    #Proses

    def convertToSecond(self):
        hasil = self.__detik + (int(60) * self.__menit) + (int(3600) * self.__jam)
        return hasil

    def secondToClock(self,second:int):
        self.__menit = int(second/60)
        self.__detik = int(second%60)
        self.__jam = int(self.__menit/60)
        self.__menit = int(self.__menit%60)

    def cariDurasi(self,akhir):
        temp = Waktu()

        detikAwal = self.convertToSecond()
        detikAkhir = akhir.convertToSecond()

        if(detikAkhir<detikAwal):
            detikAkhir+=86400

        detikHasil = detikAkhir - detikAwal
        temp.secondToClock(detikHasil)

        return temp

#--------------------------------------------------------------------------------------
----------------------------------------------------

class Kendaraan:
```



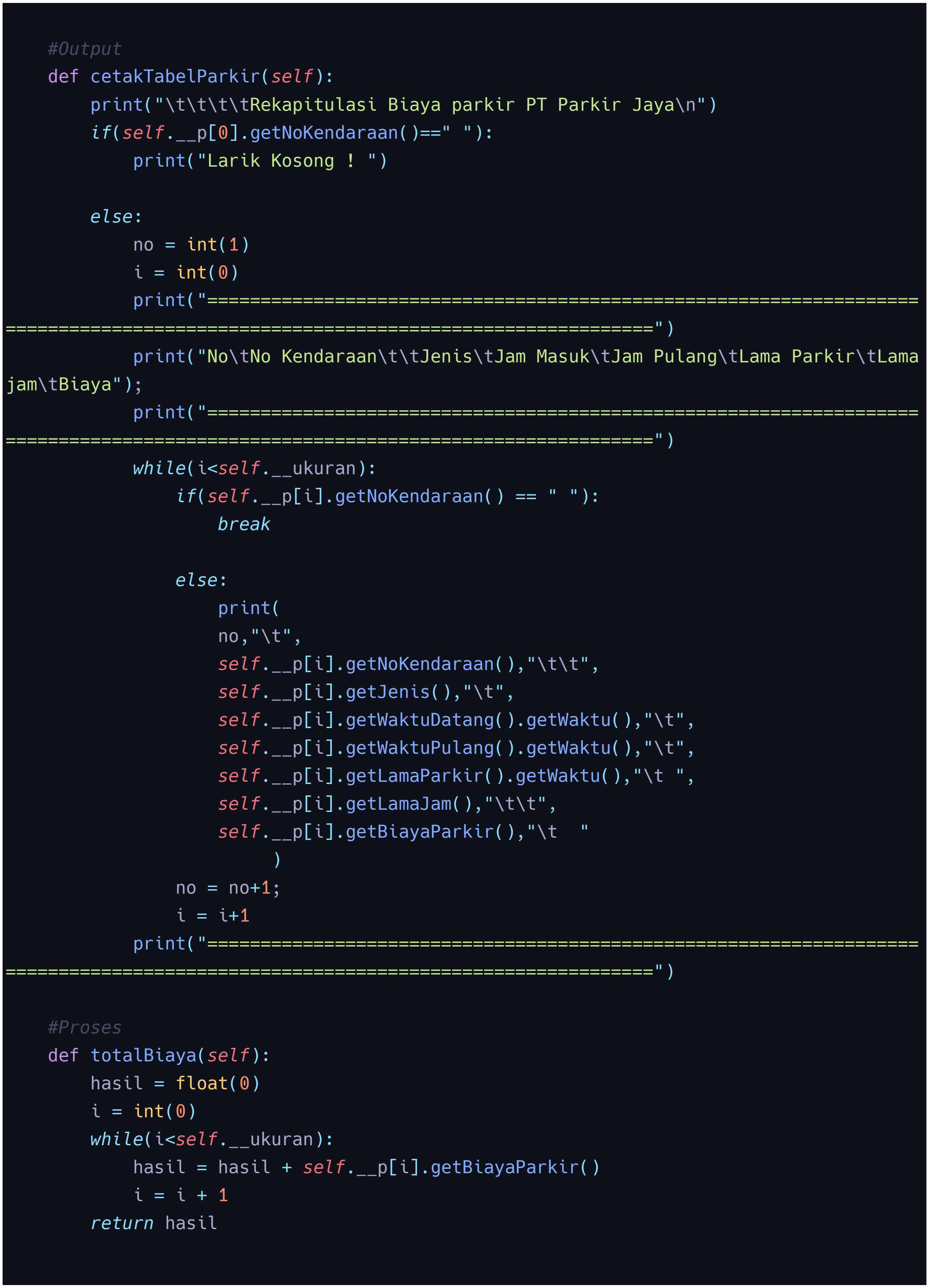
```python
    _no = " "
    _jenis= " "
    _datang = Waktu()
    _pulang = Waktu()

    #Constructor
    def __init__(self):
        self._no = " "
        self._jenis = " "
        self._datang = Waktu(0,0,0)
        self._pulang = Waktu(0,0,0)


    #Input
    def setNoKendaraan(self,no):
        self._no = no

    def setJenis(self,jenis):
        self._jenis=jenis

    def setWaktuDatang(self,datang):
        self._datang = datang

    def setWaktuPulang(self,pulang):
        self._pulang = pulang

    def inputKendaraan(self):
        print("\n--- INPUT KENDARAAN---")
        self._no = input("No Kendaraan : ")

        print("\n--- Jam Masuk Kendaraan ---")
        self._datang.inputWaktu()

        print("\n--- Jam Keluar Kendaraan ---")
        self._pulang.inputWaktu()

    #Output
    def getNoKendaraan(self):
        return self._no

    def getJenis(self):
        return self._jenis

    def getWaktuDatang(self):
        return self._datang
```



```python
    def getWaktuPulang(self):
        return self._pulang
    def getLamaParkir(self):
        return self._datang.cariDurasi(self._pulang)

    def getLamaJam(self):
        hasil = int(0)
        if(self.getLamaParkir().getMenit()>=10 or self.getLamaParkir().getJam()>=1):
            hasil = self.getLamaParkir().getJam()

            if(self.getLamaParkir().getMenit()>0 or
self.getLamaParkir().getDetik()>0):
                hasil = hasil + 1

        return hasil


    def getBiayaParkir(self):
        ...
#-------------------------------------------------------------------------------------
----------------------------------------------------


class Motor(Kendaraan):
    def __init__(self):
        super().__init__()
        self._jenis = "Motor"

    def getBiayaParkir(self):
        return self.getLamaJam() * 2000

#-------------------------------------------------------------------------------------
----------------------------------------------------
class Mobil(Kendaraan):
    def __init__(self):
        super().__init__()
        self._jenis = "Mobil"

    def getBiayaParkir(self):
        return self.getLamaJam() * 3000
#-------------------------------------------------------------------------------------
----------------------------------------------------
class Truck(Kendaraan):
    def __init__(self):
        super().__init__()
```



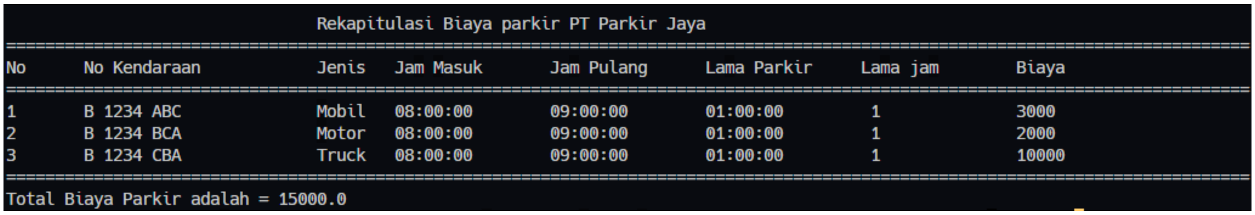
```
        self._jenis = "Truck"

    def getBiayaParkir(self):
        return self.getLamaJam() * 10000
#-------------------------------------------------------------------------------------
----------------------------------------------------
class LarikKendaraan:
    __ukuran=int(0)
    __p = []

    #Constructor
    def __init__(self,ukuran):
        self.__ukuran = ukuran

    #Input
    def inputLarikParkir(self):
        i = int(0)
        num = int(0)
        while(i<self.__ukuran):
            system("cls")
            print("Kendaraan ke - ",(i+1))

            print("Jenis Kendaraan : ")
            print("1 . Mobil")
            print("2 . Motor")
            print("3 . Truck")
            num = int(input("Input...."))


            match num:
                case 1:
                    obj = Motor()

                case 2:
                    obj = Mobil()

                case 3:
                    obj = Truck()



            obj.inputKendaraan()
            self.__p.append(obj)
            system("cls")
            i=i+1
```



```python
    #Output
    def cetakTabelParkir(self):
        print("\t\t\t\tRekapitulasi Biaya parkir PT Parkir Jaya\n")
        if(self.__p[0].getNoKendaraan()==" "):
            print("Larik Kosong ! ")

        else:
            no = int(1)
            i = int(0)
            print("================================================================================================================================")
            print("No\tNo Kendaraan\t\tJenis\tJam Masuk\tJam Pulang\tLama Parkir\tLama jam\tBiaya");
            print("================================================================================================================================")
            while(i<self.__ukuran):
                if(self.__p[i].getNoKendaraan() == " "):
                    break

                else:
                    print(
                    no,"\t",
                    self.__p[i].getNoKendaraan(),"\t\t",
                    self.__p[i].getJenis(),"\t",
                    self.__p[i].getWaktuDatang().getWaktu(),"\t",
                    self.__p[i].getWaktuPulang().getWaktu(),"\t",
                    self.__p[i].getLamaParkir().getWaktu(),"\t ",
                    self.__p[i].getLamaJam(),"\t\t",
                    self.__p[i].getBiayaParkir(),"\t  "
                         )
                no = no+1;
                i = i+1
            print("================================================================================================================================")

    #Proses
    def totalBiaya(self):
        hasil = float(0)
        i = int(0)
        while(i<self.__ukuran):
            hasil = hasil + self.__p[i].getBiayaParkir()
            i = i + 1
        return hasil
```

```
#-----------------------------------------------------------------------------------
---------------------------------------------------

uk = int(input("Masukkan Jumlah Kendaraan : "))

system("cls")

lp = LarikKendaraan(uk)

lp.inputLarikParkir()
system("cls")
lp.cetakTabelParkir()

print("Total Biaya Parkir adalah = ",lp.totalBiaya())
```

b. Screenshot:



```
                                Rekapitulasi Biaya parkir PT Parkir Jaya
=================================================================================================================================
No      No Kendaraan            Jenis   Jam Masuk       Jam Pulang      Lama Parkir     Lama jam        Biaya
=================================================================================================================================
1       B 1234 ABC              Mobil   08:00:00        09:00:00        01:00:00         1              3000
2       B 1234 BCA              Motor   08:00:00        09:00:00        01:00:00         1              2000
3       B 1234 CBA              Truck   08:00:00        09:00:00        01:00:00         1              10000
=================================================================================================================================
Total Biaya Parkir adalah = 15000.0
```