**MAIN PROGRAM (Class: CarUpgrade)**

**package** car;

**import** java.text.DecimalFormat;

**import** java.util.\*;

**public** **class** CarUpgrade

{//Marasigan, Vem Aiensi

**public** **static** **void** main(String[] args)

{

//Instantiations

DecimalFormat df = **new** DecimalFormat("#,###,##0.00php");

Scanner in = **new** Scanner(System.***in***);

Car sasakyan = **new** Car();

//Owner input

System.***out***.print("Owner: ");

String name = in.nextLine();

System.***out***.print("Year Model: ");

**int** model = in.nextInt();

//Available amount input

System.***out***.print("Please type available amount: ");

sasakyan.av = in.nextInt();

System.***out***.println();

//Process

sasakyan.owner(name, model);

System.***out***.println("Available Amount Before Upgrade: " + df.format(sasakyan.av));

sasakyan.upgradeAccesories();

System.***out***.println("Amount Remaining After Upgrade: " + df.format(sasakyan.av));

}

}

**Class: Car**

**package** car;

**public** **class** Car

{

**public** **void** owner(String n, **int** cm)

{

System.***out***.println("Owner: " + n + "\nYear Model: " + cm);

}

**int** av = 0;

**static** **int** [] *upgrades* = {21500, 14400, 6250, 3300};

**static** String [] *uName* = {"AC" , "Leather Seats", "Back Wipers", "Fog Lights" };

**static** **int** *count* = 0;

**void** upgradeAccesories()

{

**if** (**this**.av > *upgrades*[*count*])

{

System.***out***.println("Installed " + *uName*[*count*] + ":" + " true");

av -= *upgrades*[*count*];

*count*++;

**if** (*count* == 4)

**return**;

upgradeAccesories();

}

**else**

{

**for** (; *count* < 4; *count*++)

System.***out***.println("Installed " + *uName*[*count*] + ":" + " false");

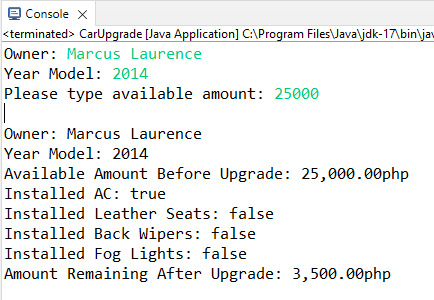
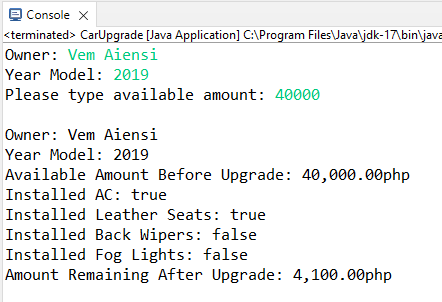
**return**;

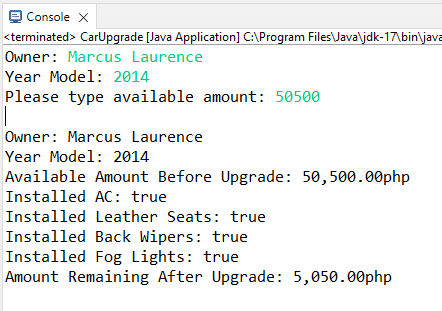
}

}

}

**Sample Input/Output**

**** 

****