

LEMBAR JAWABAN UTS PBO

Dosen Pengampu : Dwi Rolliawati

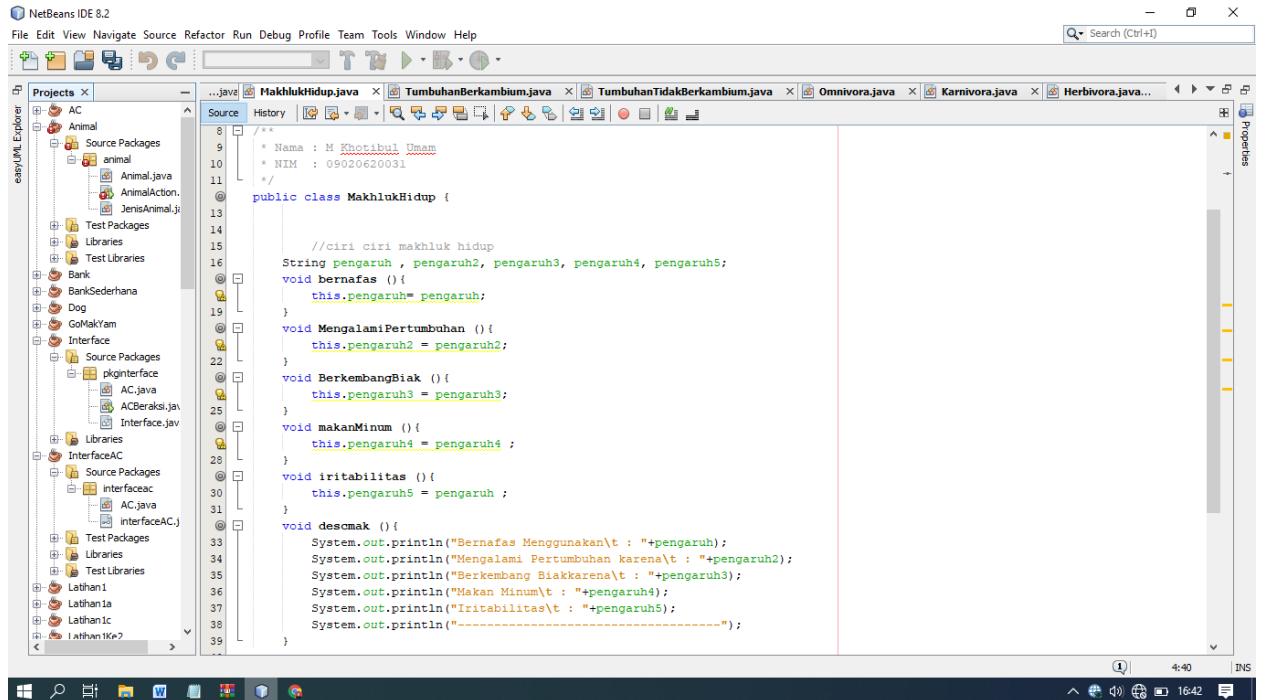


Disusun Oleh:

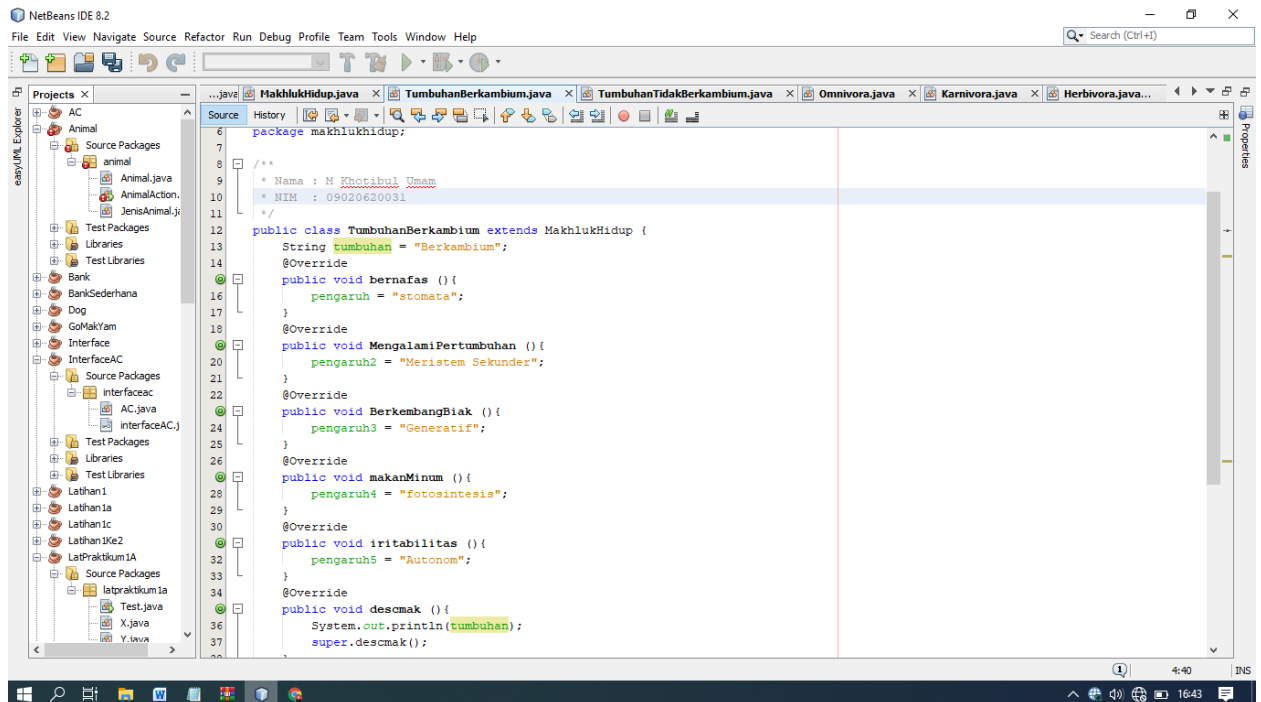
M Khotibul Umam (09020620031)

**PROGRAM STUDI SISTEM INFORMASI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS ISLAM NEGERI SUNAN AMPEL SURABAYA
2021**

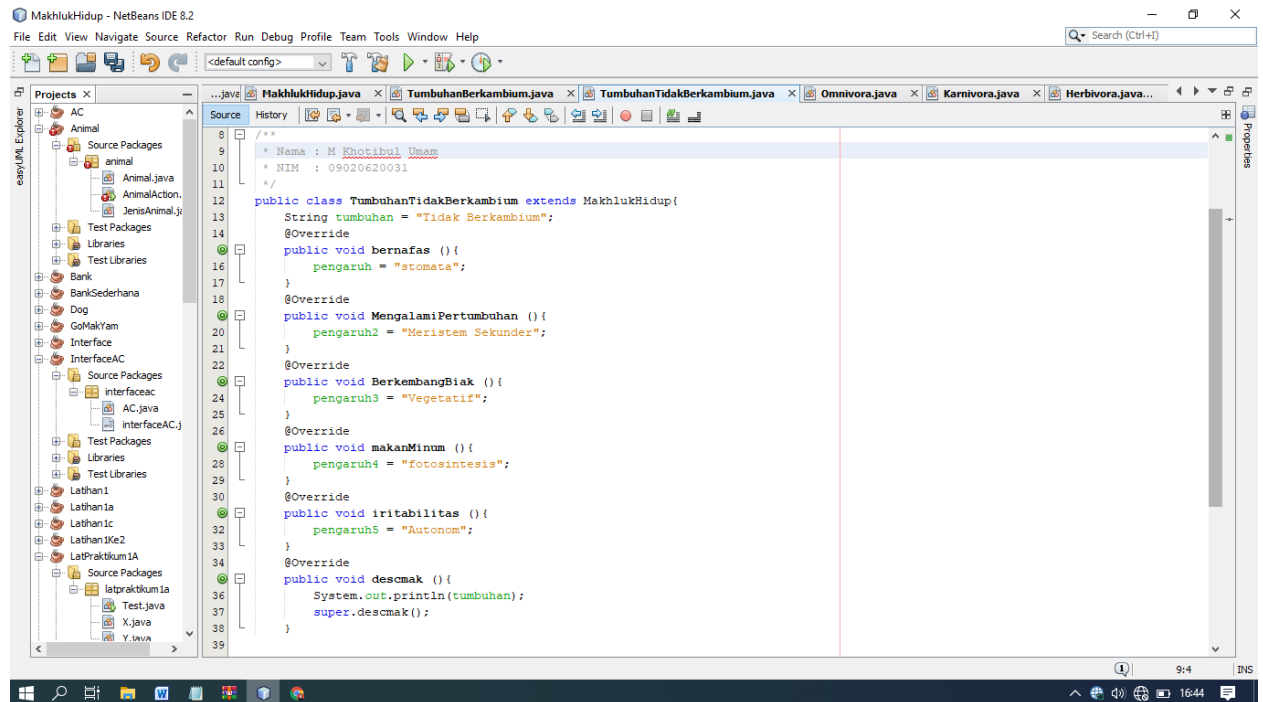
1. Makhluk hidup



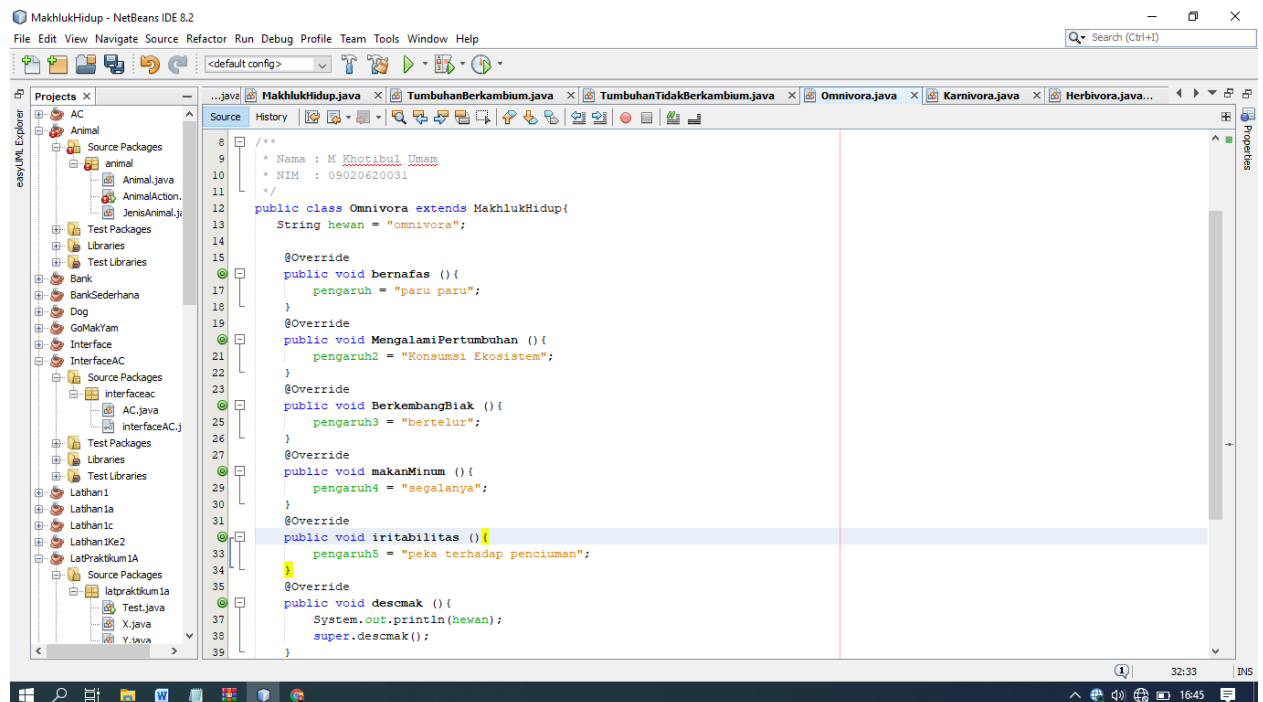
Tumbuhan Berkambium



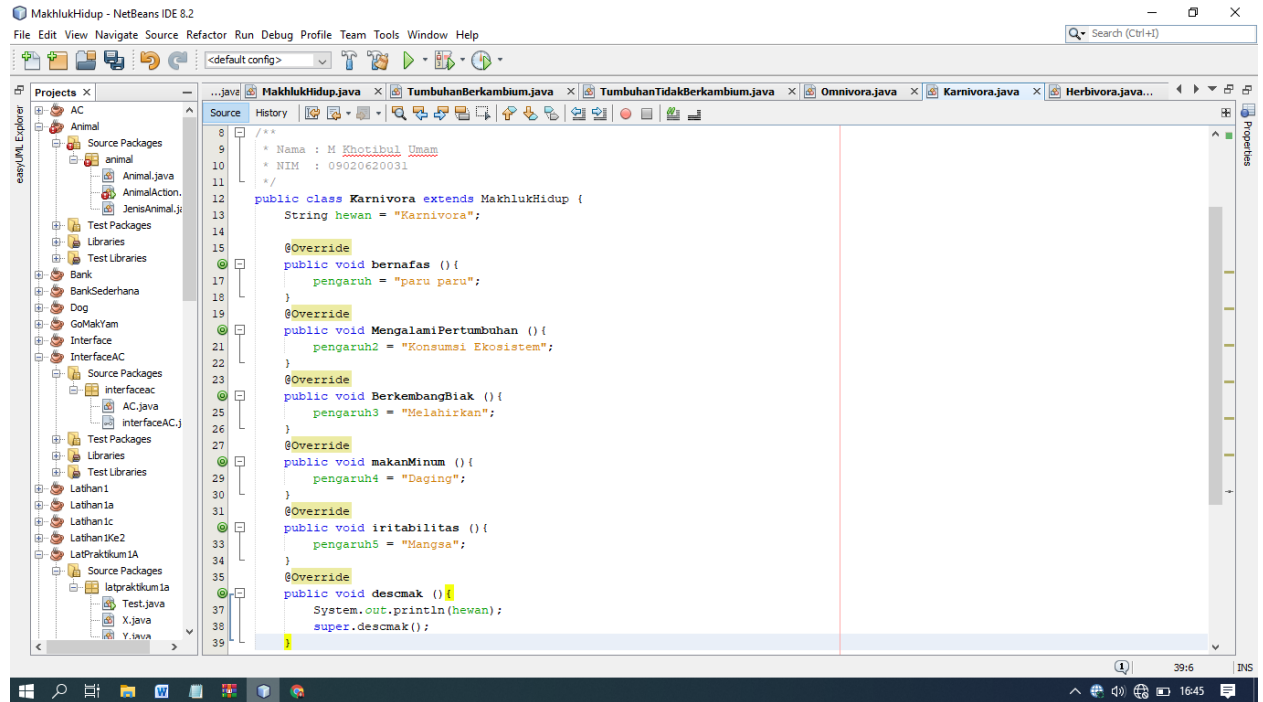
Tumbuhan Tidak Berkambium



Omnivora



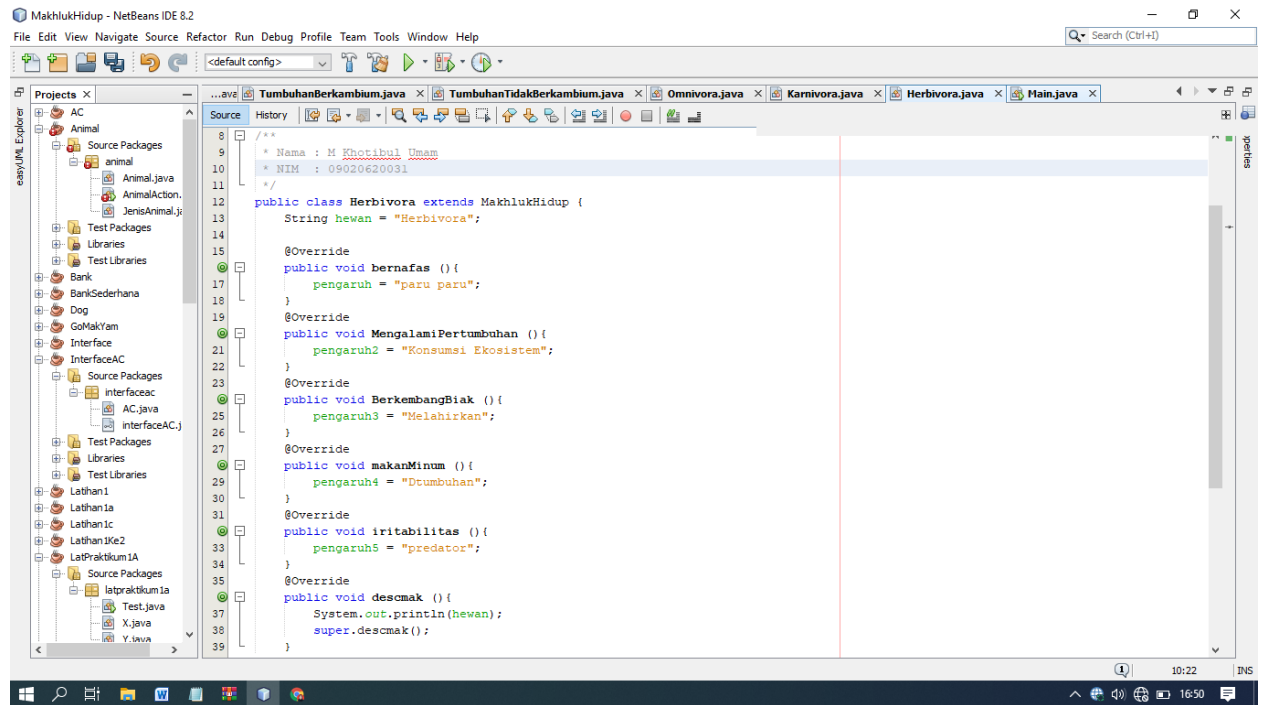
Karnivora



The screenshot shows the NetBeans IDE interface with the 'Karnivora.java' file open. The code defines a class 'Karnivora' that extends 'MakhlukHidup'. It includes several methods: 'bernafas()', 'MengalamiPertumbuhan()', 'BerkembangBiak()', 'makanMinum()', 'iritabilitas()', and 'descmak()'. Each method is annotated with '@Override' and has a specific 'pengaruh' (influence) value assigned to it. The 'descmak()' method prints the name of the animal and calls 'super.descmak()'.

```
8  /**
9   * Nama : M Khoribul Umam
10  * NIM : 09020620031
11  */
12  public class Karnivora extends MakhlukHidup {
13      String hewan = "Karnivora";
14
15      @Override
16      public void bernafas () {
17          pengaruh = "paru paru";
18      }
19
20      @Override
21      public void MengalamiPertumbuhan () {
22          pengaruh2 = "Konsumsi Ekosistem";
23      }
24
25      @Override
26      public void BerkembangBiak () {
27          pengaruh3 = "Melahirkan";
28      }
29
30      @Override
31      public void makanMinum () {
32          pengaruh4 = "Daging";
33      }
34
35      @Override
36      public void iritabilitas () {
37          pengaruh5 = "Mangsa";
38      }
39
40      @Override
41      public void descmak () {
42          System.out.println(hewan);
43          super.descmak();
44      }
45  }
```

Herbivora



The screenshot shows the NetBeans IDE interface with the 'Herbivora.java' file open. The code defines a class 'Herbivora' that extends 'MakhlukHidup'. It includes several methods: 'bernafas()', 'MengalamiPertumbuhan()', 'BerkembangBiak()', 'makanMinum()', 'iritabilitas()', and 'descmak()'. Each method is annotated with '@Override' and has a specific 'pengaruh' (influence) value assigned to it. The 'descmak()' method prints the name of the animal and calls 'super.descmak()'.

```
8  /**
9   * Nama : M Khoribul Umam
10  * NIM : 09020620031
11  */
12  public class Herbivora extends MakhlukHidup {
13      String hewan = "Herbivora";
14
15      @Override
16      public void bernafas () {
17          pengaruh = "paru paru";
18      }
19
20      @Override
21      public void MengalamiPertumbuhan () {
22          pengaruh2 = "Konsumsi Ekosistem";
23      }
24
25      @Override
26      public void BerkembangBiak () {
27          pengaruh3 = "Melahirkan";
28      }
29
30      @Override
31      public void makanMinum () {
32          pengaruh4 = "Dumbuhan";
33      }
34
35      @Override
36      public void iritabilitas () {
37          pengaruh5 = "predator";
38      }
39
40      @Override
41      public void descmak () {
42          System.out.println(hewan);
43          super.descmak();
44      }
45  }
```

Main

MakhlukHidup - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Projects X

Source Packages

Animal

Source Packages

animal

Animal.java

AnimalAction.java

JenisAnimal.java

Test Packages

Libraries

Test Libraries

Bank

BankSederhana

Dog

GoMakYam

Interface

InterfaceAC

Source Packages

interfaceac

AC.java

interfaceAC.java

Test Packages

Libraries

Test Libraries

Lathian1

Lathian1a

Lathian1c

Lathian1Ke2

LatPraktikum1A

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latpraktikum1a

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Source

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```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package makhlukhidup;

/**
 * Nama : M Khotibul Ummam
 * NIM : 09020620031
 */
public class Main {
    public static void main(String[] args) {
        TumbuhanBerkambium tb = new TumbuhanBerkambium();
        tb.bernafas();
        tb.MengalamiPertumbuhan();
        tb.BerkembangBiak();
        tb.makanMinum();
        tb.iritabilitas();
        tb.descmak();

        TumbuhanTidakBerkambium tk = new TumbuhanTidakBerkambium();
        tk.bernafas();
        tk.MengalamiPertumbuhan();
        tk.BerkembangBiak();
        tk.makanMinum();
        tk.iritabilitas();
        tk.descmak();

        Karnivora kn = new Karnivora();
        kn.bernafas();
        kn.MengalamiPertumbuhan();
```

36:22

INS

MakhlukHidup - NetBeans IDE 8.2

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Projects X

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```
Karnivora kn = new Karnivora();
kn.bernafas();
kn.MengalamiPertumbuhan();
kn.BerkembangBiak();
kn.makanMinum();
kn.iritabilitas();
kn.descmak();

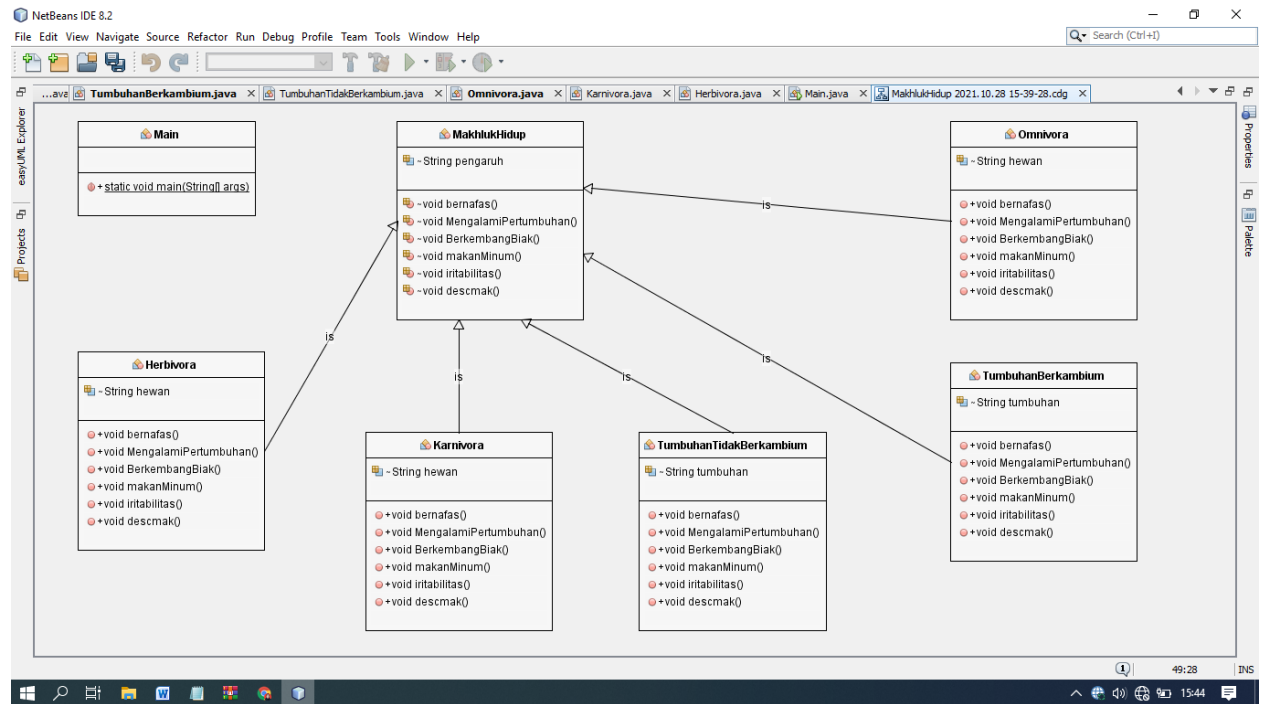
Herbivora hb = new Herbivora();
hb.bernafas();
hb.MengalamiPertumbuhan();
hb.BerkembangBiak();
hb.makanMinum();
hb.iritabilitas();
hb.descmak();

Omnivora om = new Omnivora();
om.bernafas();
om.MengalamiPertumbuhan();
om.BerkembangBiak();
om.makanMinum();
om.iritabilitas();
om.descmak();
}
```

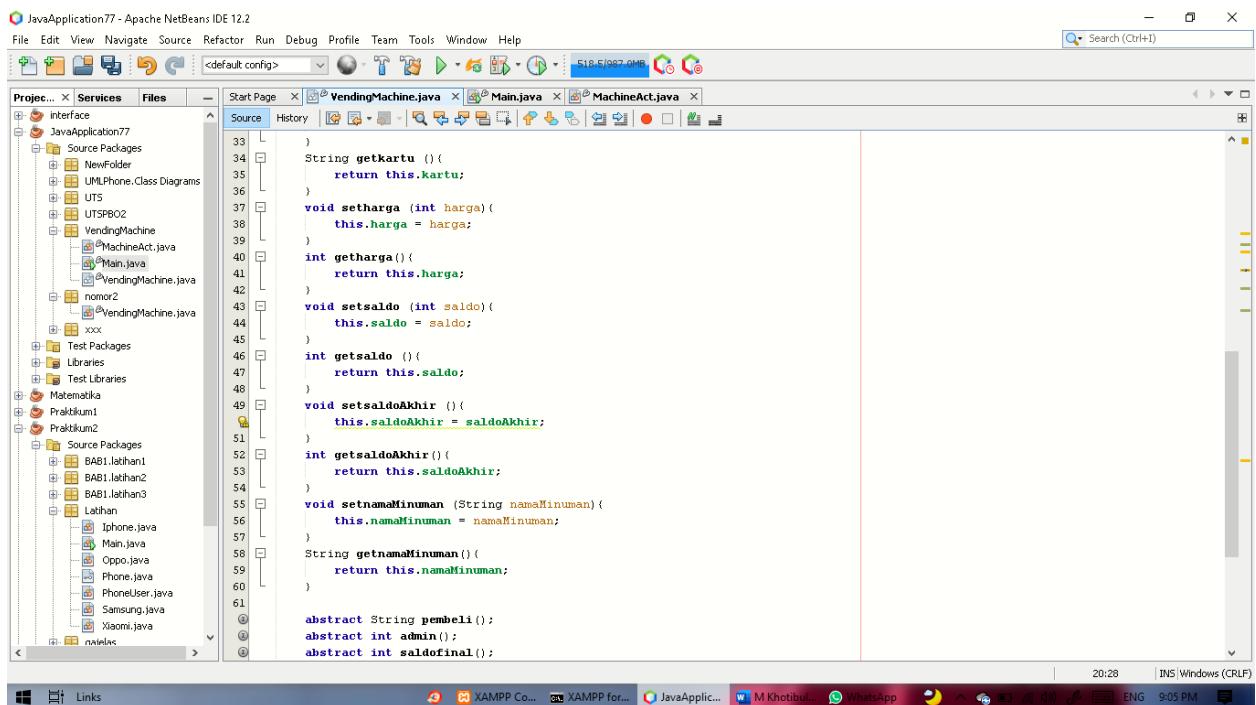
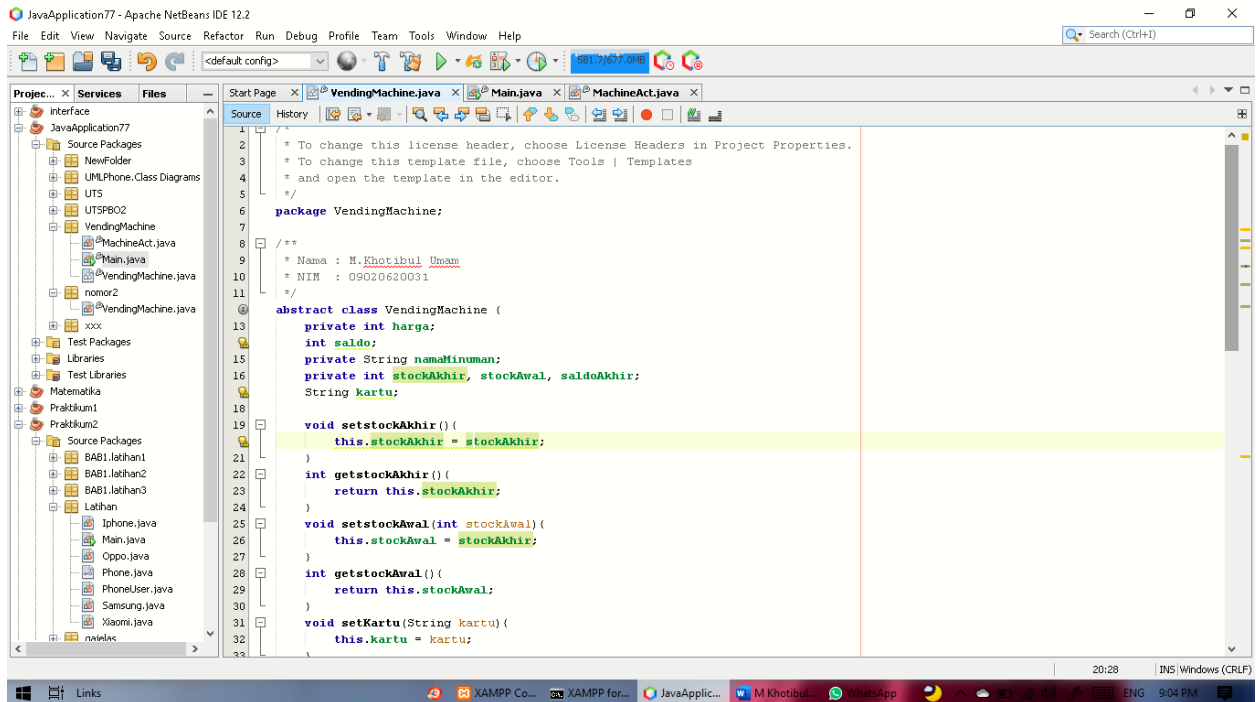
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INS

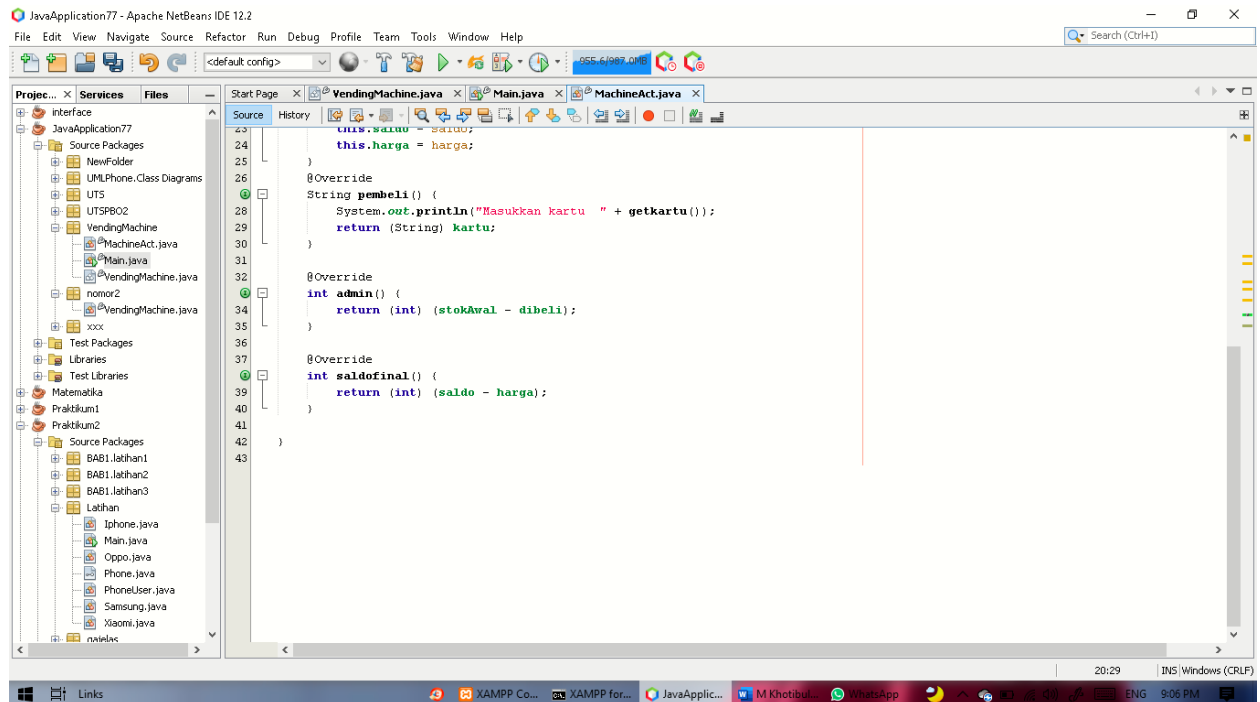
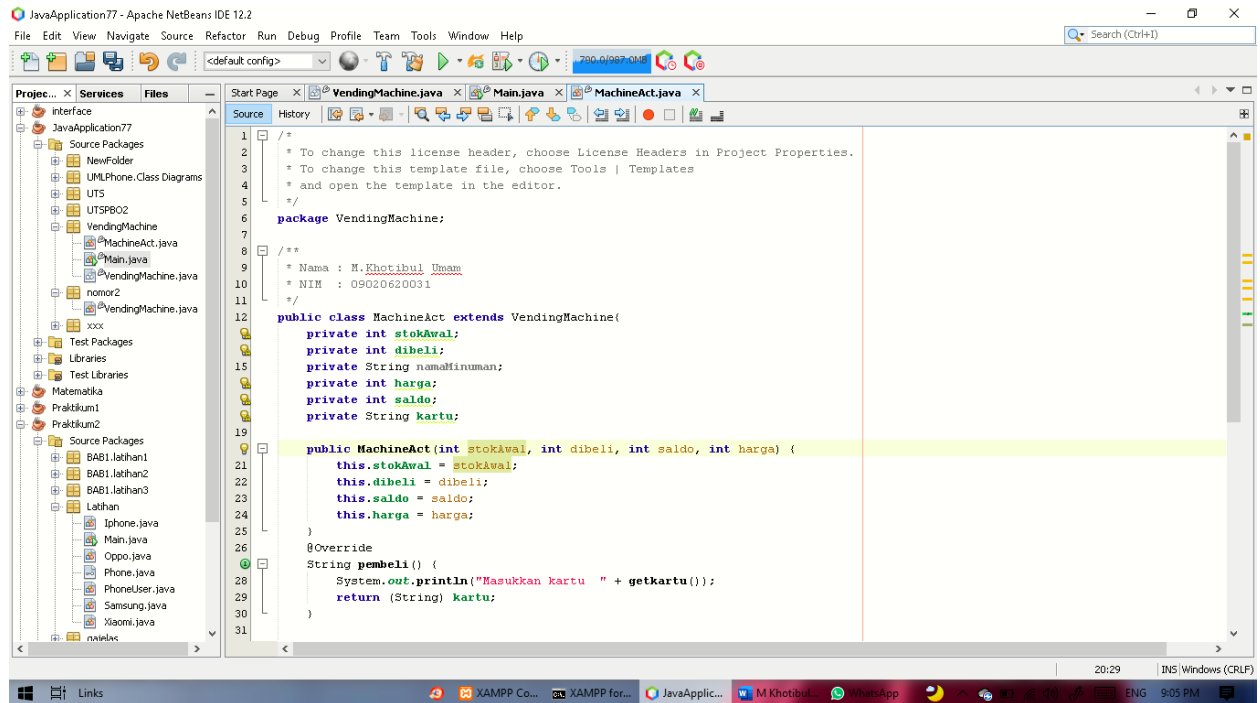
Diagram



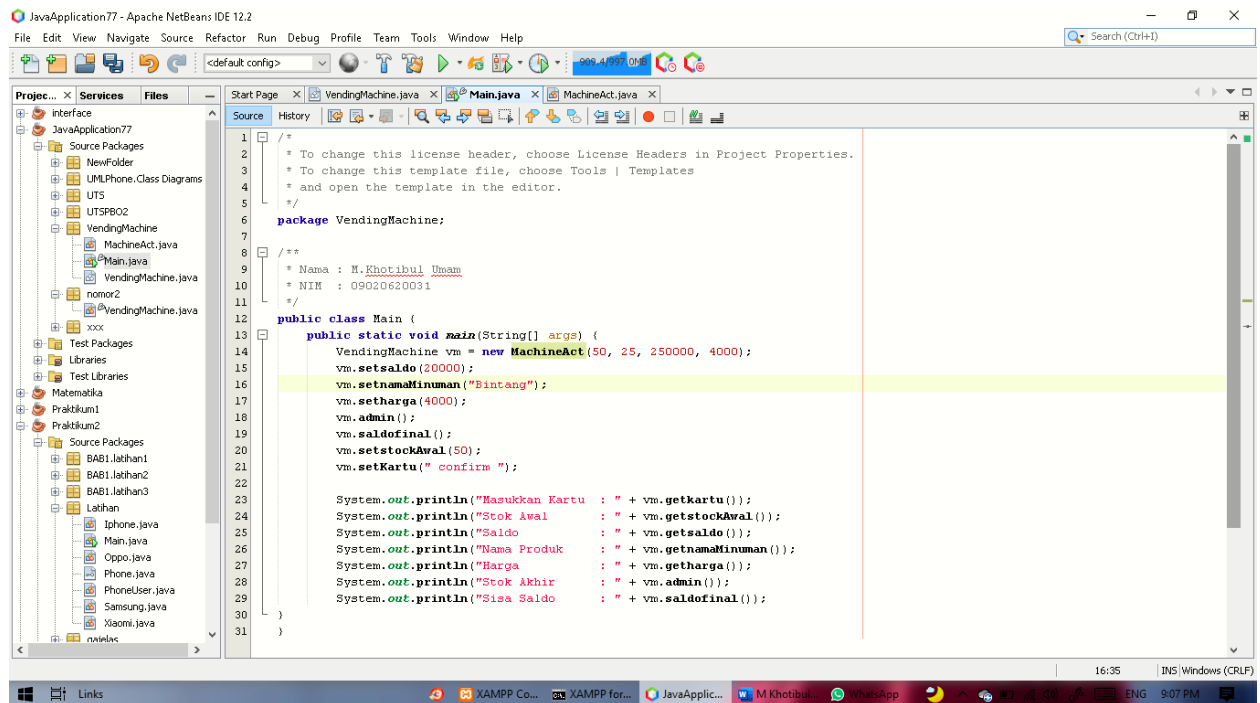
2. Vending Machine



Kelas VendingMachine



Kelas MachineAct



Kelas Main

