

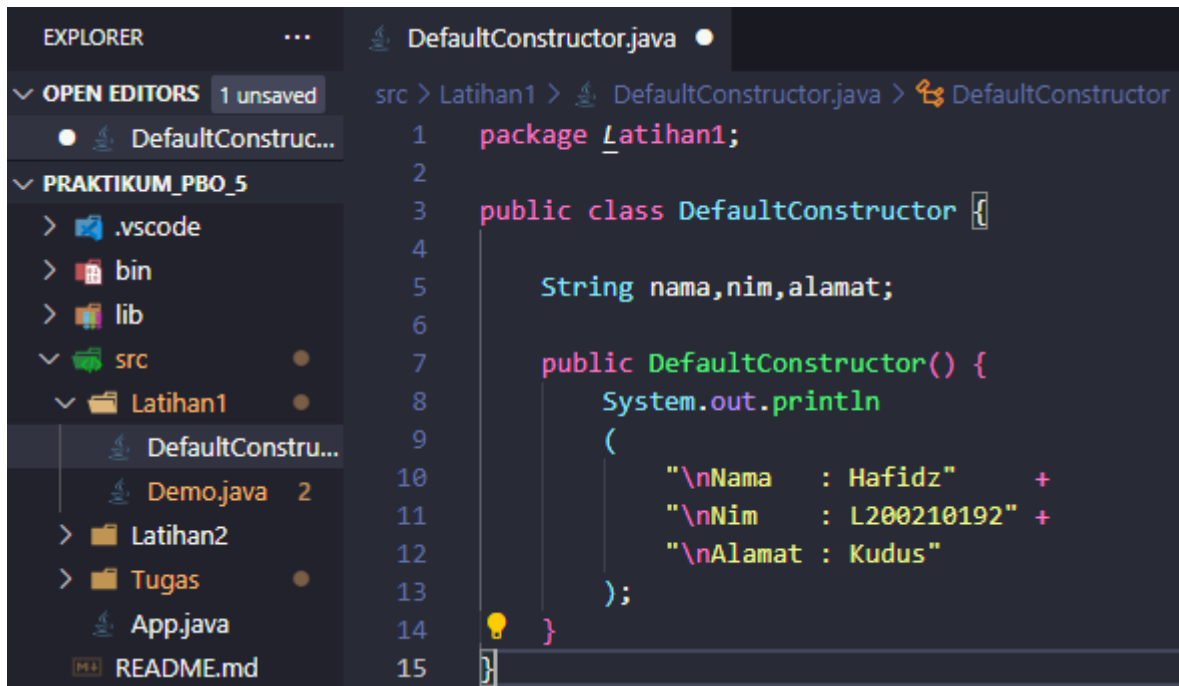
PRAKTIKUM
PEMROGRAMAN BERORIENTASI OBJEK



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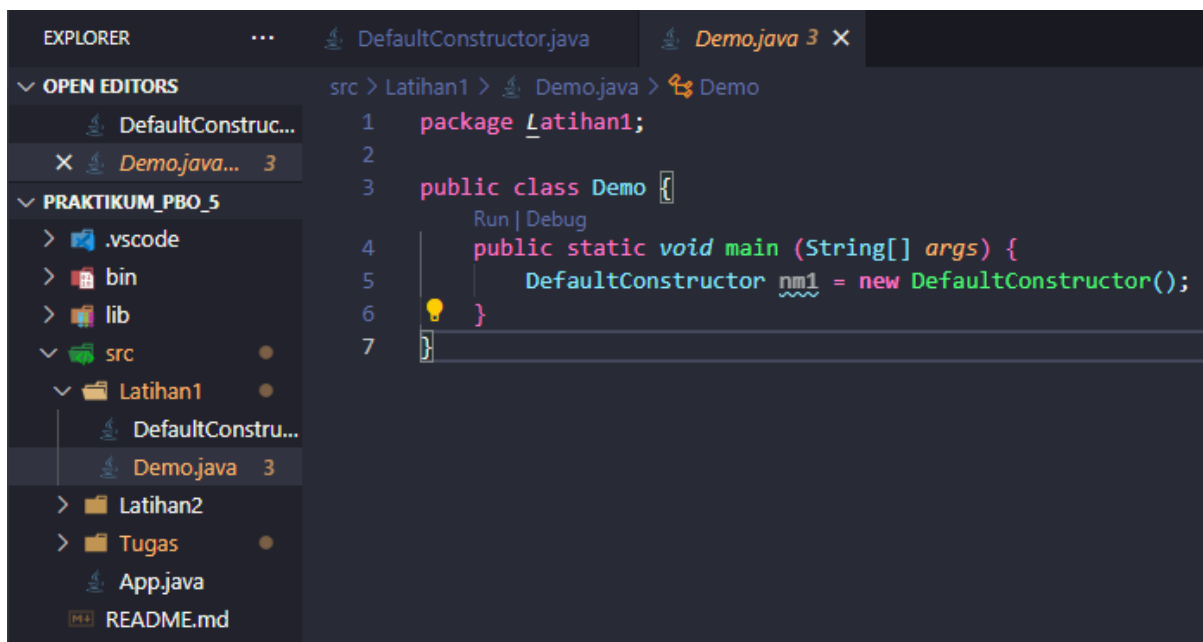
PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA
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5.1.1 Latihan 1



The screenshot shows the VS Code editor with the Explorer sidebar on the left. The Explorer sidebar shows the project structure: PRAKTIKUM_PBO_5 > src > Latihan1. The main editor area displays the code for DefaultConstructor.java. The code defines a package Latihan1 and a class DefaultConstructor with attributes nama, nim, and alamat. The constructor prints these values.

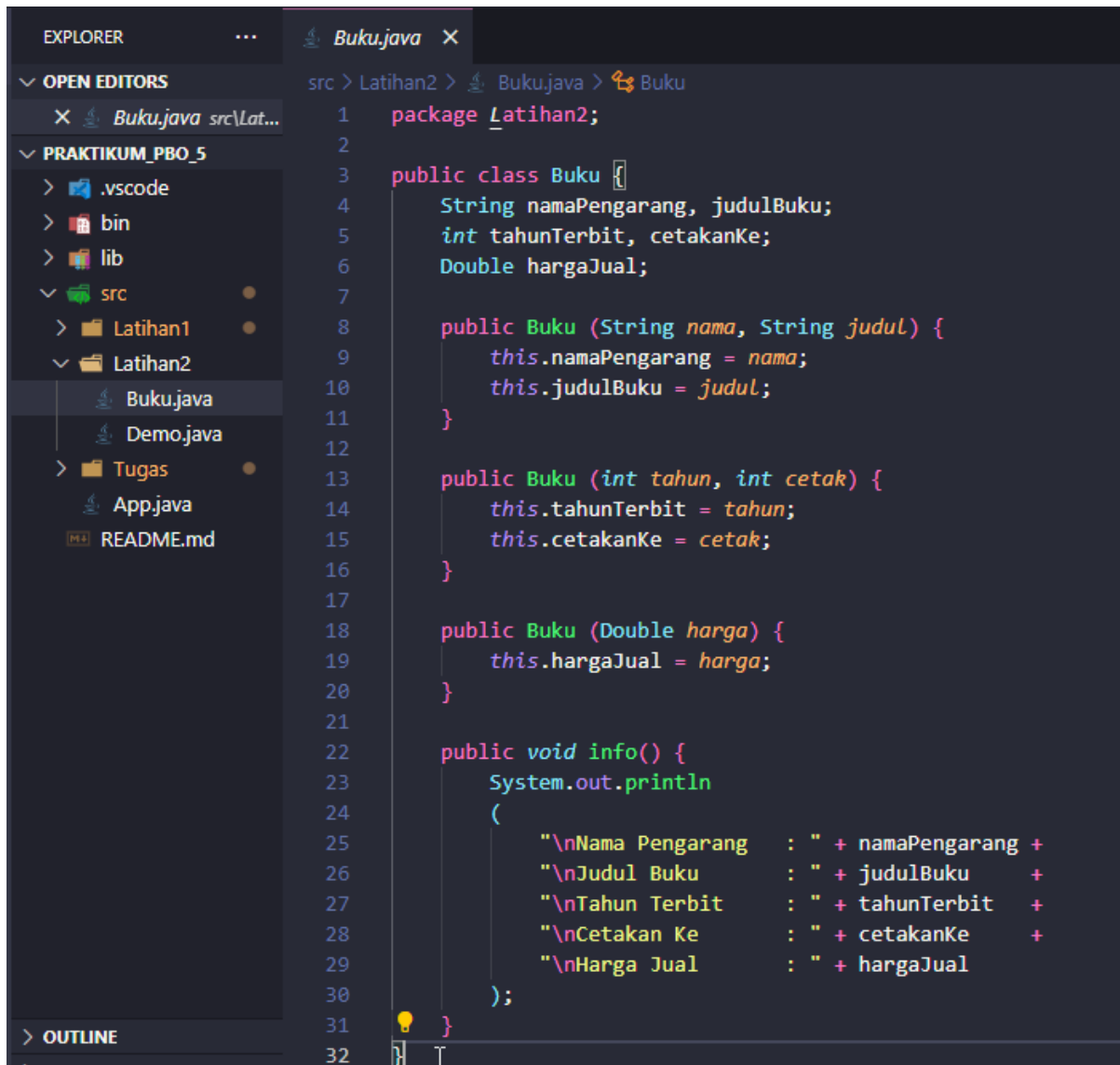
```
1 package Latihan1;
2
3 public class DefaultConstructor {
4     String nama, nim, alamat;
5
6     public DefaultConstructor() {
7         System.out.println
8         (
9             "\nNama : Hafidz" +
10             "\nNim : L200210192" +
11             "\nAlamat : Kudus"
12         );
13     }
14 }
15
```



The screenshot shows the VS Code editor with the Explorer sidebar on the left. The Explorer sidebar shows the project structure: PRAKTIKUM_PBO_5 > src > Latihan1. The main editor area displays the code for Demo.java. The code defines a package Latihan1 and a class Demo with a main method that creates an instance of DefaultConstructor and prints its values.

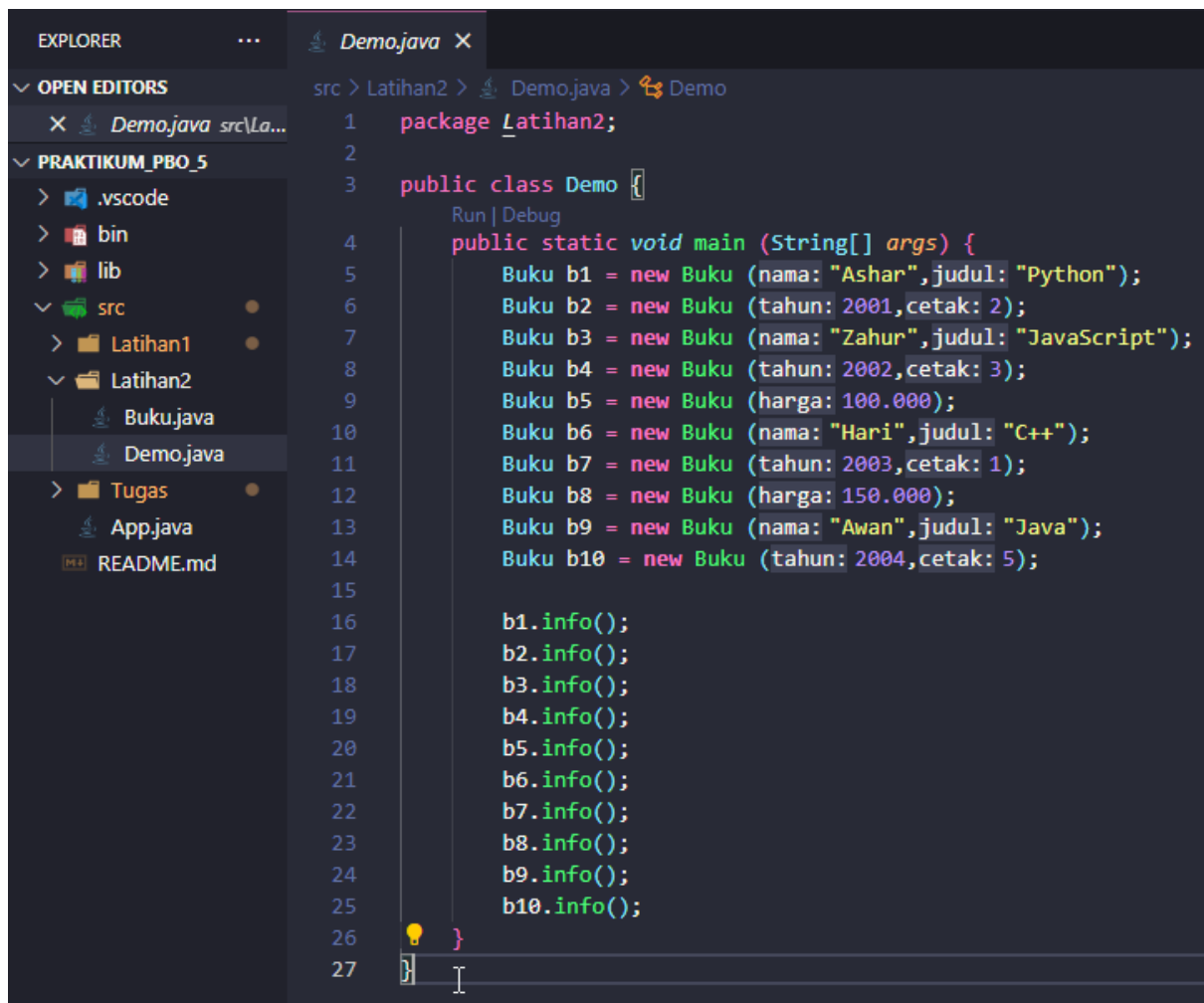
```
1 package Latihan1;
2
3 public class Demo {
4     Run | Debug
5     public static void main (String[] args) {
6         DefaultConstructor nm1 = new DefaultConstructor();
7     }
8 }
```

5.2.1 Latihan 2

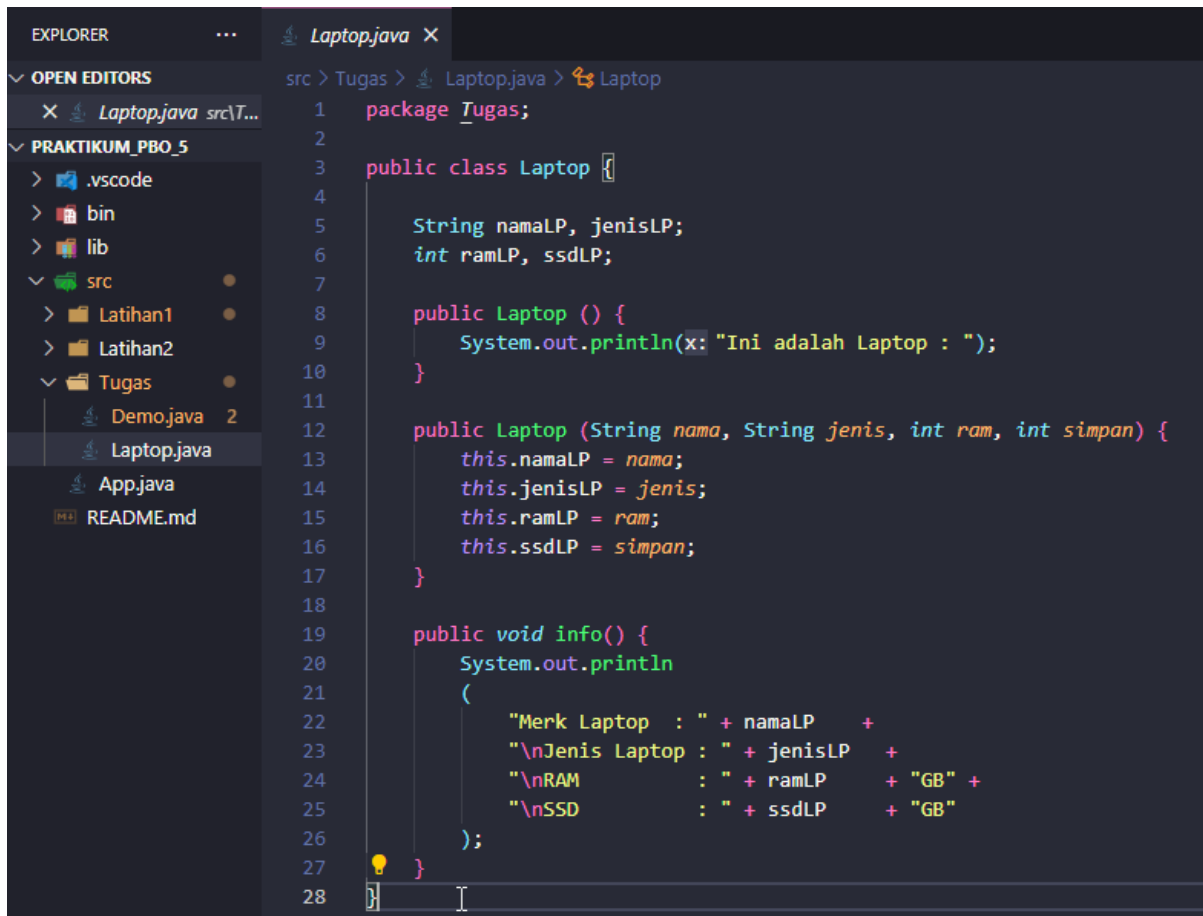


The screenshot shows the Visual Studio Code editor interface. On the left, the Explorer sidebar displays the project structure under 'PRAKTIKUM_PBO_5', including folders like '.vscode', 'bin', 'lib', 'src', 'Latihan1', and 'Latihan2'. The 'Latihan2' folder is expanded, showing files 'Buku.java' (selected), 'Demo.java', and 'Tugas'. Below the Explorer is the Outline sidebar, which is currently empty. The main editor area displays the code for 'Buku.java'. The code defines a package 'Latihan2', a class 'Buku' with three constructors (one taking name and title, one taking year and print count, and one taking price), and an 'info()' method that prints the object's attributes.

```
1 package Latihan2;
2
3 public class Buku {
4     String namaPengarang, judulBuku;
5     int tahunTerbit, cetakanKe;
6     Double hargaJual;
7
8     public Buku (String nama, String judul) {
9         this.namaPengarang = nama;
10        this.judulBuku = judul;
11    }
12
13    public Buku (int tahun, int cetak) {
14        this.tahunTerbit = tahun;
15        this.cetakanKe = cetak;
16    }
17
18    public Buku (Double harga) {
19        this.hargaJual = harga;
20    }
21
22    public void info() {
23        System.out.println
24        (
25            "\nNama Pengarang : " + namaPengarang +
26            "\nJudul Buku : " + judulBuku +
27            "\nTahun Terbit : " + tahunTerbit +
28            "\nCetakan Ke : " + cetakanKe +
29            "\nHarga Jual : " + hargaJual
30        );
31    }
32 }
```

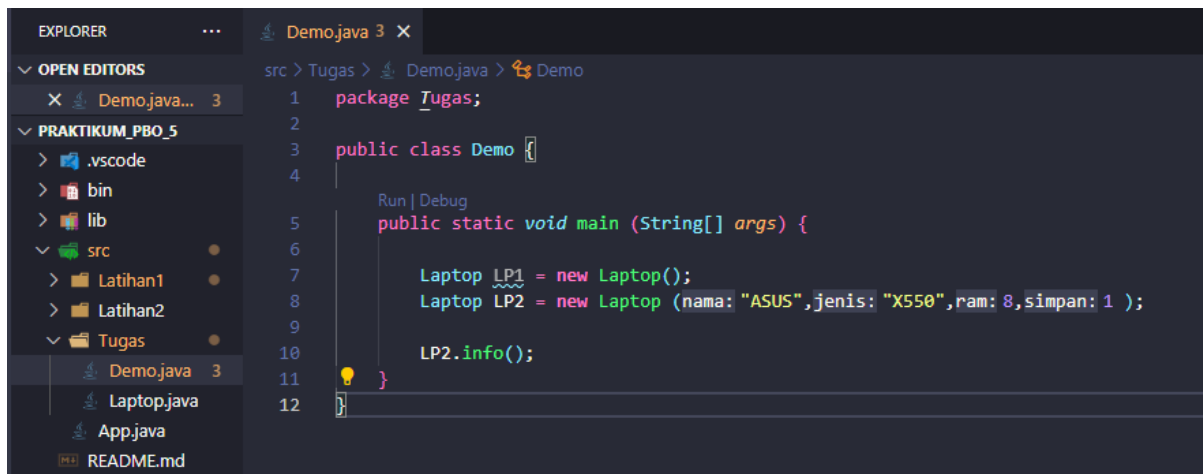


5.3 Tugas



The screenshot shows the VS Code editor with the file `Laptop.java` open. The Explorer sidebar on the left shows the project structure: `PRAKTIKUM_PBO_5` containing `.vscode`, `bin`, `lib`, `src` (with `Latihan1`, `Latihan2`, and `Tugas`), `Demo.java`, `Laptop.java`, `App.java`, and `README.md`. The main editor area shows the following Java code:

```
1 package Tugas;
2
3 public class Laptop {
4
5     String namaLP, jenisLP;
6     int ramLP, ssdLP;
7
8     public Laptop () {
9         System.out.println(x: "Ini adalah Laptop : ");
10    }
11
12    public Laptop (String nama, String jenis, int ram, int simpan) {
13        this.namaLP = nama;
14        this.jenisLP = jenis;
15        this.ramLP = ram;
16        this.ssdLP = simpan;
17    }
18
19    public void info() {
20        System.out.println
21        (
22            "Merk Laptop   : " + namaLP      +
23            "\nJenis Laptop : " + jenisLP    +
24            "\nRAM          : " + ramLP       + "GB" +
25            "\nSSD          : " + ssdLP       + "GB"
26        );
27    }
28 }
```



The screenshot shows the VS Code editor with the file `Demo.java` open. The Explorer sidebar on the left shows the project structure: `PRAKTIKUM_PBO_5` containing `.vscode`, `bin`, `lib`, `src` (with `Latihan1`, `Latihan2`, and `Tugas`), `Demo.java`, `Laptop.java`, `App.java`, and `README.md`. The main editor area shows the following Java code:

```
1 package Tugas;
2
3 public class Demo {
4
5     Run | Debug
6     public static void main (String[] args) {
7
8         Laptop LP1 = new Laptop();
9         Laptop LP2 = new Laptop (nama: "ASUS", jenis: "X550", ram: 8, simpan: 1 );
10
11         LP2.info();
12     }
13 }
```