

```

// LakiLaki.java
public class LakiLaki extends Manusia {
    public LakiLaki(double tinggiBadan) {
        super(tinggiBadan);
    }

    @Override
    public double HtgBBI() {
        // (tinggiBadan - 100) * 90%
        return (super.getTinggiBadan() - 100) * 0.9;
    }
}

// Perempuan.java
public class Perempuan extends Manusia {
    public Perempuan(double tinggiBadan) {
        super(tinggiBadan);
    }

    @Override
    public double HtgBBI() {
        // (tinggiBadan - 100) * 80%
        return (super.getTinggiBadan() - 100) * 0.8;
    }
}

// Manusia.java
public class Manusia {
    private double tinggiBadan;

    public Manusia(double tinggiBadan) {
        this.tinggiBadan = tinggiBadan;
    }

    // Getter
    public double getTinggiBadan() {
        return this.tinggiBadan;
    }

    // Hitung Berat Badan Ideal
    public double HtgBBI() {
        return 0.0;
    }
}

// Main.java
// 231232028 - Falmesino Abdul Hamid

import java.io.BufferedReader;
import java.io.InputStreamReader;

public class Main {
    public static void main(String args[]) throws Exception {
        BufferedReader br = new BufferedReader (new InputStreamReader(System.in));

        // Instance of Class
        Manusia[] m = new Manusia[2];

        // Deklarasi variable
        int x = 0;

        do {
            // Input
            System.out.println("User " + (x + 1));
            System.out.println("Masukkan tinggi badan anda (cm): ");
            double t = Double.parseDouble(br.readLine());
            System.out.println("Masukkan jenis kelamin anda (L/P): ");
            String jk = br.readLine().toUpperCase();

            // Proses + Output
            String jkTeks = (jk.equals("L")) ? "Laki-Laki" : "Perempuan";
            m[x] = (jk.equals("L")) ? new LakiLaki(t) : new Perempuan(t);

            System.out.println("Berat badan ideal anda (" + jkTeks + ") adalah: " + m[x].HtgBBI());
            System.out.println("");

            x++;
        } while (x < 2);
    }
}

```

praktikum-polymorphism

PORTS DEBUG CONSOLE TIMELINE TERMINAL

zsh

```

praktikum-polymorphism ls -la
total 32
drwxr-xr-x  6 falmesino  staff  192 Jan 28 16:03 .
drwxr-xr-x 15 falmesino  staff  480 Jan 28 15:58 ..
-rw-r--r--  1 falmesino  staff  235 Jan 28 16:05 LakiLaki.java
-rw-r--r--  1 falmesino  staff  968 Jan 28 16:14 Main.java
-rw-r--r--  1 falmesino  staff  293 Jan 28 16:05 Manusia.java
-rw-r--r--  1 falmesino  staff  237 Jan 28 16:05 Perempuan.java

praktikum-polymorphism javac Main.java
praktikum-polymorphism java Main
User 1
Masukkan tinggi badan anda (cm):
170
Masukkan jenis kelamin anda (L/P):
L
Berat badan ideal anda (Laki-Laki) adalah: 63.0

User 2
Masukkan tinggi badan anda (cm):
165
Masukkan jenis kelamin anda (L/P):
P
Berat badan ideal anda (Perempuan) adalah: 52.0

praktikum-polymorphism

```

Ln 35, Col 2 Spaces: 2 UTF-8 LF Java Colorize Colorize: 0 variables Prettier