

Tugas praktiku PBO 2

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TI-12-PA

The image displays two screenshots of the Eclipse IDE interface, showing Java code for two different programs.

Top Screenshot: Latihan02.java

```
1 import java.util.Scanner;
2
3 public class Latihan02 {
4     public static void main (String args[]) {
5         Scanner input = new Scanner(System.in);
6
7         int n, i;
8         boolean angka_prima = true;
9
10        System.out.println("Input NPM Anda : ");
11        n = input.nextInt();
12        input.close();
13
14        //0 dan 1 bukan angka prima
15        if (n == 0 || n == 1) {
16            angka_prima = false;
17        }
18        else {
19            for (i = 2; i <= n / 2; i++) {
20                if (n % i == 0) {
21                    angka_prima = false;
22                    break;
23                }
24            }
25        }
26        if (angka_prima)
27            System.out.println(n + " Termasuk bilangan prima");
28        else
29            System.out.println(n + " Bukan bilangan prima");
30    }
31 }
32 }
```

Bottom Screenshot: Latihan03.java

```
1 import java.util.Scanner;
2
3 public class Latihan03 {
4
5     public static void main(String[] args) {
6         int pilih;
7         Scanner input = new Scanner(System.in);
8
9         System.out.println("Menu Sarapan:");
10        System.out.println("1. Nasi Goreng");
11        System.out.println("2. Bubur Ayam");
12        System.out.println("3. Soto Ayam");
13        System.out.print("Pilihan Anda = ");
14        pilih = input.nextInt();
15        input.close();
16
17        if (pilih == 1) {
18            System.out.println("Anda memesan Nasi Goreng dengan harga Rp" + "\n"
19                + "22.000,-");
20        } else if (pilih == 2) {
21            System.out.println("Anda memesan Bubur Ayam dengan harga Rp15.000,-");
22        } else if (pilih == 3) {
23            System.out.println("Anda memesan Soto Ayam dengan harga Rp 25.000,-");
24        } else {
25            System.out.println("Maaf menu yang anda masukan salah.");
26        }
27    }
28 }
29 }
30 }
```

Console Output (Top Screenshot):

```
Input NPM Anda :
212310060
212310060 Bukan bilangan prima
```

Console Output (Bottom Screenshot):

```
Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Pilihan Anda = 1
Anda memesan Nasi Goreng dengan harga Rp
22.000,-
```

workspace - Praktikum_02_Selection_Repetition/src/Latihan04.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer x

- Praktikum_01_Runtutan
- Praktikum_02_Selection_Repetition
 - src
 - (default package)
 - Latihan02.java
 - Latihan03.java
 - Latihan04.java
 - Latihan05.java
 - Latihan06.java
 - Latihan07.java
 - Latihan10.java
 - Resto.java

Outline x

- Latihan04
 - main(String[] args): void
 - faktorisasi(int): void

```
1 import java.util.Scanner;
2
3 public class Latihan04 {
4     public static void main(String[] args) {
5         int angka;
6         Scanner input = new Scanner(System.in);
7
8         System.out.print("Masukkan Angka = ");
9         angka = input.nextInt();
10
11         faktorisasi(angka);
12     }
13
14     static void faktorisasi (int paramAngka) {
15         for (int i = 1; i <= paramAngka; i++) {
16             if (paramAngka % i == 0 && paramAngka != i) {
17                 System.out.print(i + ",");
18             } else if (i == paramAngka && paramAngka % i == 0) {
19                 System.out.print(i + " ");
20             } else {
21                 System.out.print("");
22             }
23         }
24     }
25 }
26
```

Problems x Javadoc Declaration Console x

<terminated> - Latihan04 (1) [Java Application] C:\Users\micha\p2\pool\plugin\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (Sep 30, 2022, 10:18:47 PM - 10:18:57 PM) [pid: 1456]

Masukkan Angka = 10
1,2,5,10

workspace - Praktikum_02_Selection_Repetition/src/Latihan05.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer x

- Praktikum_01_Runtutan
- Praktikum_02_Selection_Repetition
 - src
 - (default package)
 - Latihan02.java
 - Latihan03.java
 - Latihan04.java
 - Latihan05.java
 - Latihan06.java
 - Latihan07.java
 - Latihan10.java
 - Resto.java

Outline x

- Latihan05
 - main(String[] args): void

```
1 import java.util.Scanner;
2
3 public class Latihan05 {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         System.out.print("Masukkan nilai baris : ");
7         int bintang = input.nextInt();
8         input.close();
9         for (int jmlbaris = 0; jmlbaris <= bintang - 1; jmlbaris++) {
10             for (int j = 1; j <= bintang - jmlbaris; j++) {
11                 System.out.print(" ");
12             }
13             for (int k = 0; k <= 2 * jmlbaris; k++) {
14                 System.out.print(" ");
15             }
16             for (int l = 1; l <= bintang - jmlbaris; l++) {
17                 System.out.print("");
18             }
19             System.out.println("");
20         }
21         for (int jmlbaris = 2; jmlbaris <= bintang; jmlbaris++) {
22             for (int a = 1; a <= jmlbaris; a++) {
23                 System.out.print("");
24             }
25             for (int b = jmlbaris; b <= bintang * 2; b++) {
26                 System.out.print(" ");
27             }
28             for (int a = 1; a <= jmlbaris; a++) {
29                 System.out.print("");
30             }
31             System.out.println("");
32         }
33     }
34 }
```

Problems x Javadoc Declaration Console x

<terminated> - Latihan05 [Java Application] C:\Users\micha\p2\pool\plugin\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (Sep 30, 2022, 10:19:24 PM - 10:19:26 PM) [pid: 18536]

Masukkan nilai baris : 5

**** *
*** **
** ***
* ****

workspace - Pratikum_02_Selection_Repetition/src/Latihan06.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Pratikum_01_Runtutan
- Pratikum_02_Selection_Repetition
 - src
 - (default package)
 - Latihan02.java
 - Latihan03.java
 - Latihan04.java
 - Latihan05.java
 - Latihan06.java
 - Latihan07.java
 - Latihan10.java
 - Resto.java

Outline

- Latihan06
 - main(String[]) void

```
14 System.out.println("2. Bubur Ayam");
15 System.out.println("3. Soto Ayam");
16 System.out.print("Pilihan Anda = ");
17 pilih = input.nextInt();
18
19 if (pilih == 1) {
20     System.out.println("Anda memesan Nasi Goreng dengan harga Rp12.000,-");
21 }
22 else if (pilih == 2) {
23     System.out.println("Anda memesan Bubur Ayam dengan harga Rp15.000,-");
24 }
25 else if (pilih == 3) {
26     System.out.println("Anda memesan Soto Ayam dengan harga Rp 25.000,-");
27 }
28 else {
29     System.out.println("Maaf menu yang anda masukan salah.");
30 }
31 System.out.print("\nApa ingin mengulang (Y/N) ? = ");
32 jwb = input2.nextLine();
33 while (jwb.equals("Y")||jwb.equals("y"));
34 System.out.println();
35 System.out.println("----- Sesi Selesai -----");
36 }
```

Problems Javadoc Declaration Console

<terminated> Latihan06 (1) [Java Application] C:\Users\micha\p2\pooth\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (Sep 30, 2022, 10:21:50 PM - 10:22:07 PM) [pid: 22028]

Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Pilihan Anda = 2
"Anda memesan Bubur Ayam dengan harga Rp15.000,-

Apa ingin mengulang (Y/N) ? = y
Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Pilihan Anda = 3
"Anda memesan Soto Ayam dengan harga Rp 25.000,-

Apa ingin mengulang (Y/N) ? = n
----- Sesi Selesai -----

workspace - Pratikum_02_Selection_Repetition/src/Latihan07.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Pratikum_01_Runtutan
- Pratikum_02_Selection_Repetition
 - src
 - (default package)
 - Latihan02.java
 - Latihan03.java
 - Latihan04.java
 - Latihan05.java
 - Latihan06.java
 - Latihan07.java
 - Latihan10.java
 - Resto.java

Outline

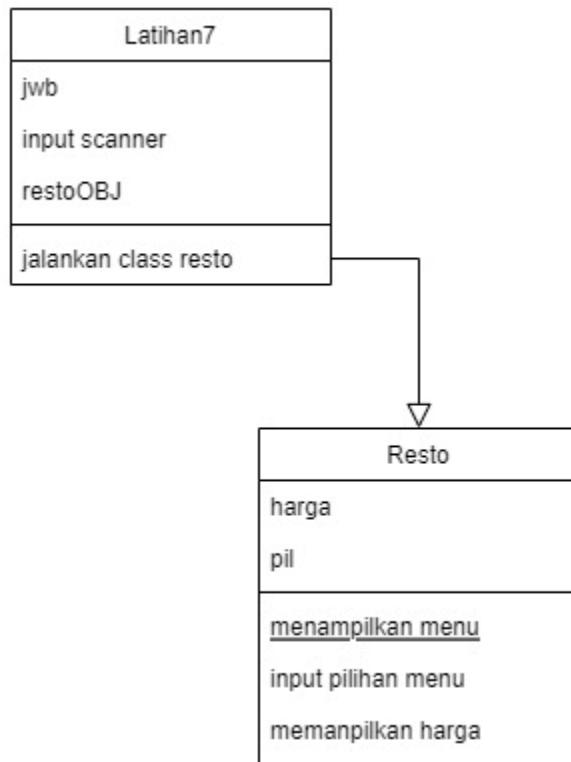
- Latihan07
 - main(String[]) void

```
1 import java.util.Scanner;
2
3 public class Latihan07 {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         String jwb;
7
8         Resto restoObj = new Resto();
9
10        do {
11            restoObj.chooseMenu();
12            System.out.println("Apakah anda akan memesan kembali ? (Y/N)");
13            System.out.print("= ");
14            jwb = input.nextLine();
15        }
16        while (jwb.equals("Y")||jwb.equals("y"));
17        System.out.println("----- Sesi Selesai -----");
18    }
19 }
```

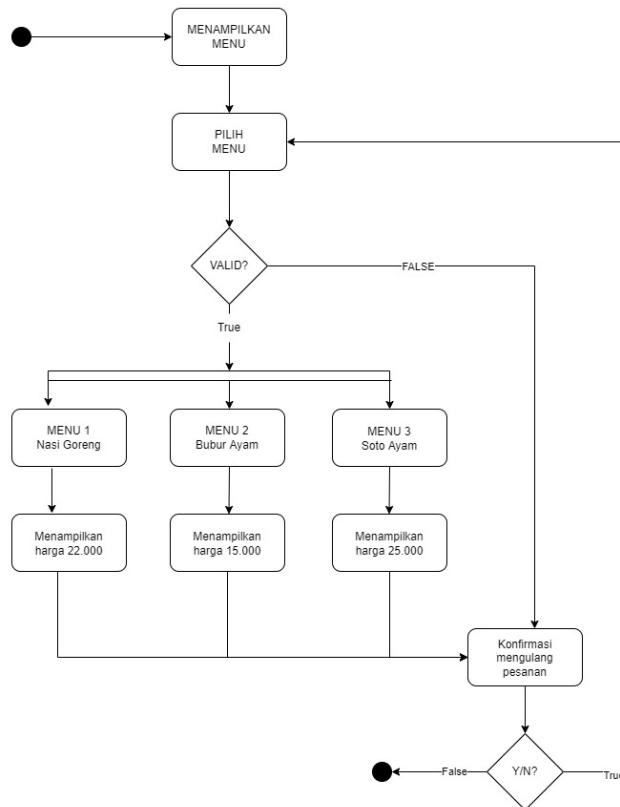
Problems Javadoc Declaration Console

<terminated> Latihan07 (1) [Java Application] C:\Users\micha\p2\pooth\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (Sep 30, 2022, 10:32:49 PM - 10:33:05 PM) [pid: 14006]

Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Masukkan Pilihan = 6
Maaf menu yang anda masukan salah.
Harga adalah = 0
Apakah anda akan memesan kembali ? (Y/N)
= y
Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Masukkan Pilihan = 1
Harga adalah = 22000
Apakah anda akan memesan kembali ? (Y/N)
= n
----- Sesi Selesai -----



no 8:



No 9:

```

18  System.out.println("1. Lihat Saldo");
19  System.out.println("2. Setor Tunai");
20  System.out.println("3. Tarik Tunai");
21  System.out.println("4. Keluar");
22  System.out.print("Masukkan Pilihan = ");
23  int pil = input.nextInt();
24
25  if (pil == 1) {
26      System.out.println(saldo);
27  } else if (pil == 2) {
28      System.out.print("Masukkan Nominal Setor Tunai = ");
29      setor = input.nextInt();
30      System.out.println("Saldo Anda saat ini = " + (saldo + setor));
31  } else if (pil == 3) {
32      System.out.print("Masukkan Nominal Tarik Tunai = ");
33      tarik = input.nextInt();
34      input.close();
35      if (tarik > saldo) {
36          System.out.println("Saldo tidak cukup");
37      } else {
38          System.out.println("Saldo Anda saat ini = " + (saldo - tarik));
39      }
40  } else if (pil == 4) {
41      System.out.print("Apakah Anda ingin keluar aplikasi ? (Y/N) = ");
42      jwb = input2.nextLine();
43
44      } else {
45          System.out.println("Anda salah memasukkan menu");
46      }
47  }while(jwb.equals("N") || jwb.equals("n"));
  
```

Problems | Javadoc | Declaration | Console
 <terminated> - Latihan10 (1) [Java Application] C:\Users\micha\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (Sep 30, 2022, 10:20:04 PM - 10:20:16 PM) [pid: 11916]
 Masukkan PIN = 212310060
 Masukkan Menu
 1. Lihat Saldo
 2. Setor Tunai
 3. Tarik Tunai
 4. Keluar
 Masukkan Pilihan = 3
 Masukkan Nominal Tarik Tunai = 100
 Saldo Anda saat ini = 0
 ----- Sesi Selesai -----