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TI-21-PA1-212310023

Screenshot 1 (Latihan10.java, console output):

```java
1  import java.util.Date;
2  import java.util.Scanner;
3
4  public class Latihan10 {
5      public static void main(String[] args) {
6          int harga = 6300;
7          String barang = "ROTI ENAK";
8
9          System.out.println("=========================================");
10         System.out.println("  Selamat datang di TOKO SERBAGUNA IBIK ");
11         System.out.println("=========================================");
12         System.out.println("  ");
13
14         Scanner keyboard = new Scanner(System.in);
15         Students s = new Students();
16         System.out.print("Masukkan jumlah produk yang dibeli : ");
17         int input = keyboard.nextInt();
18
19         System.out.println("  ");
20         Date waktu = new Date();
21         System.out.println(waktu.toString());
22         System.out.println("=========================================");
23         System.out.print("ITEM");
24         System.out.print("\t\t QTY");
25         System.out.print("\t HARGA");
26         System.out.println("\t    TOTAL");
27         System.out.println("=========================================");
28         System.out.print(barang);
29         System.out.print("\t   " + input);
30         System.out.print("\t Rp." + harga);
31
32         int total = harga * input;
33         System.out.println("   Rp." + total);
34         System.out.println("-----------------------------------------");
```

Console:
```
ROTI ENAK        23      Rp.6300   Rp.144900
-----------------------------------------
Diskon : 35%
```


Screenshot 2 (Latihan10.java continued, console output):

```java
33         System.out.println("   Rp." + total);
34         System.out.println("-----------------------------------------");
35
36         int disc = 5;
37         int potongan = total - (total / 100 * (disc * (input / 3)));
38         if(input % 3 == 0) {
39             System.out.print("Diskon : ");
40             System.out.println(disc * (input/3) + "%");
41             System.out.print("Sub Total : ");
42             System.out.println(potongan);
43         }
44             else if (input % 3 != 0) {
45             System.out.print("Diskon : ");
46             System.out.println(disc * (input/3) + "%");
47             System.out.print("Sub Total : ");
48             System.out.println(potongan);
49         }
50
51         System.out.println("  ");
52         System.out.print("Member Name :");
53         System.out.println(s.getFullname(" Yannuar Maulana"));
54         keyboard.close();
55     }
56 }
57
58 class Students {
59
60     String getFullname(String Fullname) {
61         System.out.println(Fullname);
62         return Fullname;
63     }
64
65     public void getNpm(int i) {
66         // TODO Auto-generated method stub
```

Console:
```
Member Name : Yannuar Maulana
 Yannuar Maulana
```

Latihan08.java

```java
import java.util.Scanner;

public class Latihan08 {
    public static void main(String[] args) {
        Scanner keyboard = new Scanner(System.in);

        int npm, sm;
        String namLeng, namKel;
        double ipk;

        System.out.print("Masukkan Npm Anda : ");
        npm = keyboard.nextInt();
        System.out.print("Masukkan Nama Lengkap Anda : ");
        namLeng = keyboard.next();
        System.out.print("Masukkan Nama Kelas Anda : ");
        namKel = keyboard.next();
        System.out.print("Semester - ");
        sm = keyboard.nextInt();
        System.out.print("Masukkan IPK Anda : ");
        ipk = keyboard.nextDouble();

        System.out.println("  ");
        System.out.println("- " + npm);
        System.out.println("- " + namLeng);
        System.out.println("- " + namKel);
        System.out.println("- " + sm);
        System.out.println("- " + ipk);

        keyboard.close();
    }
}
```

Console:
```
<terminated> Latihan08 [Java Application] C:\Users\Tosihiba\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18.0.2.v20220903-1139\jre\bin\javaw.exe  (24 Sep 2022 13.43.46 – 13.44.23)
Masukkan Nama Lengkap Anda : Hyannuar
Masukkan Nama Kelas Anda : TI-21-PA
Semester - 3
Masukkan IPK Anda : 4.0
```

Latihan07.java

```java
import java.util.Scanner;

public class Latihan07 {
    public static void main(String[] args) {
        Scanner keyboard = new Scanner(System.in);

        System.out.print("Masukkan nama lengkap anda : ");
        String nama = keyboard.nextLine();

        nama = nama.replaceAll("a", "X");
        nama = nama.replaceAll("A", "X");
        nama = nama.replaceAll("i", "X");
        nama = nama.replaceAll("I", "X");
        nama = nama.replaceAll("u", "X");
        nama = nama.replaceAll("U", "X");
        nama = nama.replaceAll("e", "X");
        nama = nama.replaceAll("E", "X");
        nama = nama.replaceAll("o", "X");
        nama = nama.replaceAll("O", "X");
        System.out.println(nama);

        keyboard.close();
    }
}
```

Console:
```
<terminated> Latihan07 [Java Application] C:\Users\Tosihiba\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18.0.2.v20220903-1139\jre\bin\javaw.exe  (24 Sep 2022 13.45.02 – 13.45.08)
Masukkan nama lengkap anda : MYannuar
MYXnnXXr
```

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Latihan04.java | Latihan08.java | Latihan10.java | Latihan06.java | Latihan07.java | Latihan09.java

Outline — Latihan06 — main(String[]) : void

```java
1
2  import java.util.Scanner;
3
4  public class Latihan06 {
5      public static void main(String[] args) {
6          Scanner keyboard = new Scanner(System.in);
7
8          System.out.print("Masukkan usia anda : ");
9          String usia = keyboard.nextLine();
10
11         System.out.print("Masukkan nama depan anda : ");
12         String namaDepan = keyboard.nextLine();
13
14         System.out.print("Masukkan nama belakang anda : ");
15         String namaBelakang = keyboard.nextLine();
16
17         System.out.print("Masukkan NPM anda : ");
18         String npm = keyboard.nextLine();
19
20         String str = usia.concat(namaDepan).concat(namaBelakang).concat(npm);
21         System.out.println(str);
22         keyboard.close();
23     }
24 }
25
```

Problems   @ Javadoc   Declaration   Console

<terminated> Latihan06 [Java Application] C:\Users\Tosihiba\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18.0.2.v20220903-1139\jre\bin\javaw.exe (24 Sep 2022 13.45.35 – 13.45.58)

Masukkan NPM anda : 212310023
13yannuarmaulana212310023

Activate Windows
Go to Settings to activate Windows.

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Latihan05.java | Latihan08.java | Latihan10.java | Latihan06.java | Latihan07.java | Latihan09.java

Outline — Latihan05 — main(String[]) : void

```java
1  import java.util.Scanner;
2
3  public class Latihan05 {
4
5      public static void main(String[] args) {
6          Scanner keyboard = new Scanner(System.in);
7
8          System.out.println("Masukkan string (kata / kalimat) yang akan di UPPERCASE : ");
9          String input = keyboard.nextLine();
10
11         System.out.println("Perubahan oleh sistem menjadi :");
12         System.out.println(input.toUpperCase());
13
14
15         keyboard.close();
16     }
17 }
18
```

Problems   @ Javadoc   Declaration   Console

<terminated> Latihan05 [Java Application] C:\Users\Tosihiba\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18.0.2.v20220903-1139\jre\bin\javaw.exe (24 Sep 2022 13.46.41 – 13.46.53)

Perubahan oleh sistem menjadi :
AFAANTUHHH

Activate Windows
Go to Settings to activate Windows.

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

```java
import java.util.Date;

public class Latihan04 {
    public static void main(String[] args) {
        int harga = 6300;
        String barang = "ROTI ENAK";

        System.out.println("=========================================");
        System.out.println("  Selamat datang di TOKO SERBAGUNA IBIK ");
        System.out.println("=========================================");
        System.out.println("  ");

        Scanner keyboard = new Scanner(System.in);
        System.out.print("Masukkan jumlah produk yang dibeli : ");
        int input = keyboard.nextInt();

        System.out.println("  ");
        Date waktu = new Date();
        System.out.println(waktu.toString());
        System.out.println("=========================================");
        System.out.print("ITEM");
        System.out.print("\t\t QTY");
        System.out.print("\t HARGA");
        System.out.println("\t     TOTAL");
        System.out.println("=========================================");
        System.out.print(barang);
        System.out.print("\t   " + input);
        System.out.print("\t Rp." + harga);

        int total = harga * input;
        System.out.println("    Rp." + total);
        System.out.println("-----------------------------------------");

        int disc = 5;
        int potongan = total - (total / 100 * (disc * (input / 3)));
```

Problems   @ Javadoc   Declaration   Console ⊠

<terminated> Latihan04 [Java Application] C:\Users\Tosihiba\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18.0.2.v20220903-1139\jre\bin\javaw.exe (24 Sep 2022 13.47.21 – 13.47.25)

```
Diskon : 75%
Sub Total : 70875
```

Outline ⊠

Latihan04
  main(String[]) : void