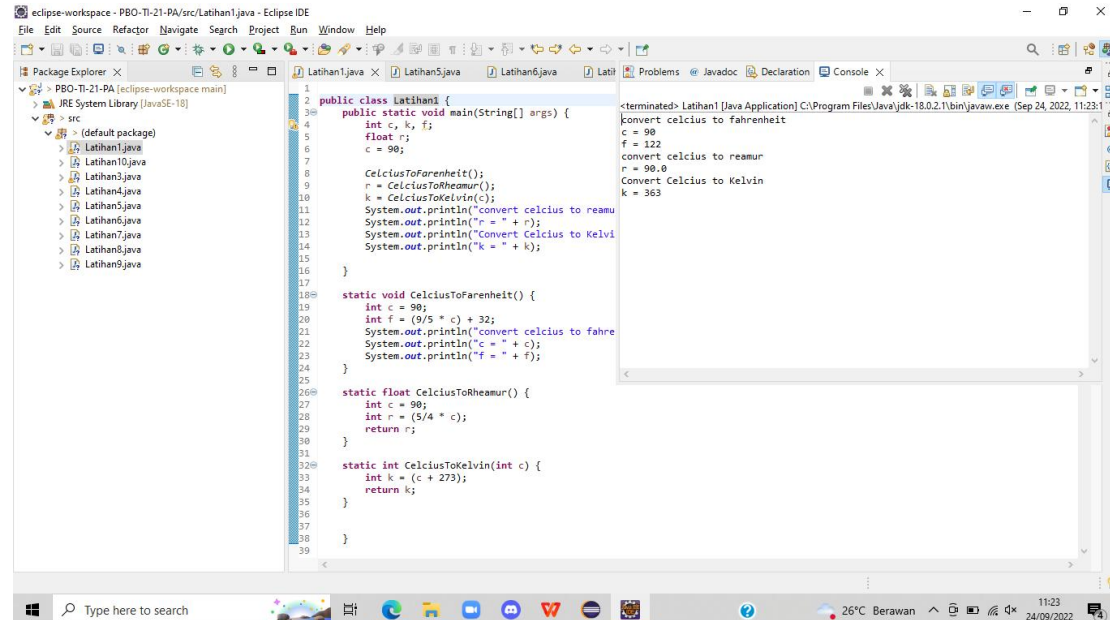


Nama: Matthew  
TI-21-PA  
212310052

## Latihan1



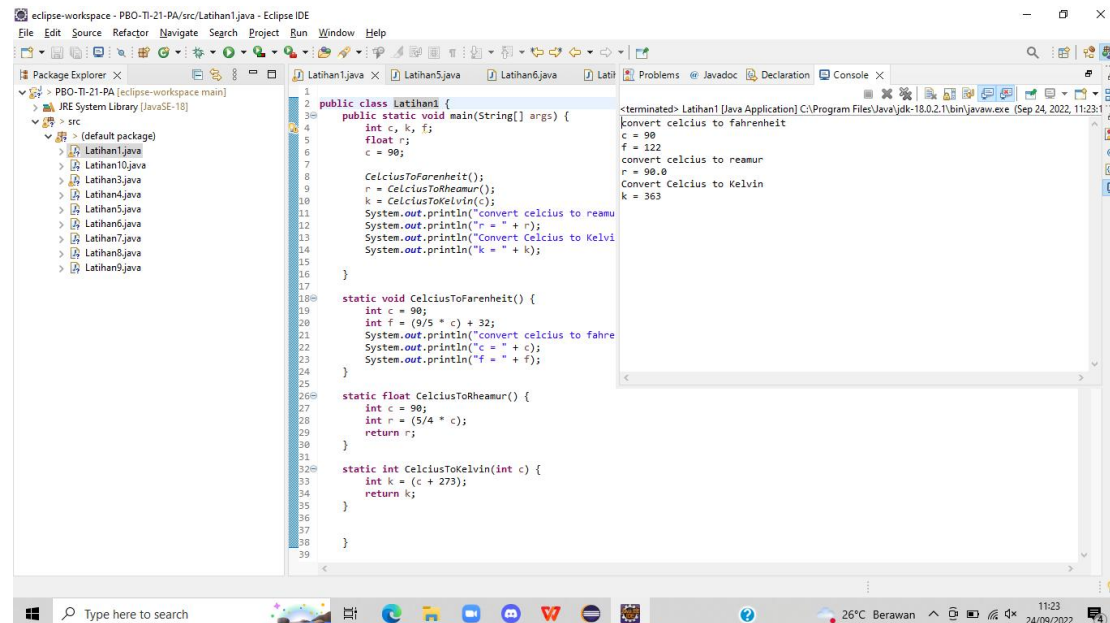
The screenshot shows the Eclipse IDE with a Java project named 'PBO-TI-21-PA'. The 'src' folder contains several files, including 'Latihan1.java'. The 'Latihan1.java' file is open in the editor, showing the following code:

```
1 public class Latihan1 {  
2     public static void main(String[] args) {  
3         int c, k, f;  
4         float r;  
5         c = 90;  
6  
7         CelciusToFahrenheit();  
8         r = CelciusToRheamur();  
9         k = CelciusToKelvin(c);  
10        System.out.println("convert celcius to reamu  
11        System.out.println("r = " + r);  
12        System.out.println("Convert Celcius to Kelvin  
13        System.out.println("k = " + k);  
14    }  
15  
16  
17  
18    static void CelciusToFahrenheit() {  
19        int c = 90;  
20        int f = (9/5 * c) + 32;  
21        System.out.println("convert celcius to fahre  
22        System.out.println("c = " + c);  
23        System.out.println("f = " + f);  
24    }  
25  
26    static float CelciusToRheamur() {  
27        int c = 90;  
28        int r = (5/4 * c);  
29        return r;  
30    }  
31  
32    static int CelciusToKelvin(int c) {  
33        int k = (c + 273);  
34        return k;  
35    }  
36  
37  
38  
39 }
```

The console output shows the results of the program execution:

```
<terminated> Latihan1 [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Sep 24, 2022, 11:23:11)  
convert celcius to fahrenheit  
c = 90  
f = 122  
convert celcius to reamur  
r = 90.0  
Convert Celcius to Kelvin  
k = 363
```

## Latihan3



The screenshot shows the Eclipse IDE with a Java project named 'PBO-TI-21-PA'. The 'src' folder contains several files, including 'Latihan1.java'. The 'Latihan1.java' file is open in the editor, showing the following code:

```
1 public class Latihan1 {  
2     public static void main(String[] args) {  
3         int c, k, f;  
4         float r;  
5         c = 90;  
6  
7         CelciusToFahrenheit();  
8         r = CelciusToRheamur();  
9         k = CelciusToKelvin(c);  
10        System.out.println("convert celcius to reamu  
11        System.out.println("r = " + r);  
12        System.out.println("Convert Celcius to Kelvin  
13        System.out.println("k = " + k);  
14    }  
15  
16  
17  
18    static void CelciusToFahrenheit() {  
19        int c = 90;  
20        int f = (9/5 * c) + 32;  
21        System.out.println("convert celcius to fahre  
22        System.out.println("c = " + c);  
23        System.out.println("f = " + f);  
24    }  
25  
26    static float CelciusToRheamur() {  
27        int c = 90;  
28        int r = (5/4 * c);  
29        return r;  
30    }  
31  
32    static int CelciusToKelvin(int c) {  
33        int k = (c + 273);  
34        return k;  
35    }  
36  
37  
38  
39 }
```

The console output shows the results of the program execution:

```
<terminated> Latihan1 [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Sep 24, 2022, 11:23:11)  
convert celcius to fahrenheit  
c = 90  
f = 122  
convert celcius to reamur  
r = 90.0  
Convert Celcius to Kelvin  
k = 363
```

## Latihan4

```
18 Separator('.');
19
20 System.out.println("===== TOKO SERBAGUNA IBIK =====");
21 System.out.println("Masukkan jumlah produk yang dibeli : ");
22 Scanner input = new Scanner(System.in);
23 jml = input.nextInt();
24 input.close();
25
26 LocalDateTime myDateObj = LocalDateTime.now();
27 DateTimeFormatter myFormatObj = DateTimeFormatter.ofPattern("dd-MM-yyyy HH:mm:ss");
28 String formattedDate = myDateObj.format(myFormatObj);
29 System.out.println(formattedDate);
30
31 System.out.println();
32
33 total_harga = jml * 6300;
34
35 System.out.println("===== ITEM QTY =====");
36 kursIndonesia.setDecimalFormatSymbols(format);
37 System.out.printf("ROTI ENAK %d * Rp6,300.00 = Rp12,600.00\n", jml);
38
39 if(jml % 3 == 0) {
40     diskon = 0.05 * total_harga;
41     total_bayar = total_harga - diskon;
42     System.out.println("Diskon : 5%");
43 } else {
44     diskon = 0.010 * total_harga;
45     total_bayar = total_harga - diskon;
46     System.out.println("Diskon : 10%");
47 }
48
49 kursIndonesia.setDecimalFormatSymbols(formatRp);
50 System.out.printf("Sub Total: %s %n", kursIndonesia.format(total_bayar));
51 }
```

===== TOKO SERBAGUNA IBIK =====  
Masukkan jumlah produk yang dibeli : 2  
24-09-2022 11:23:41

| ITEM      | QTY | HARGA      | TOTAL       |
|-----------|-----|------------|-------------|
| ROTI ENAK | 2   | Rp6,300.00 | Rp12,600.00 |

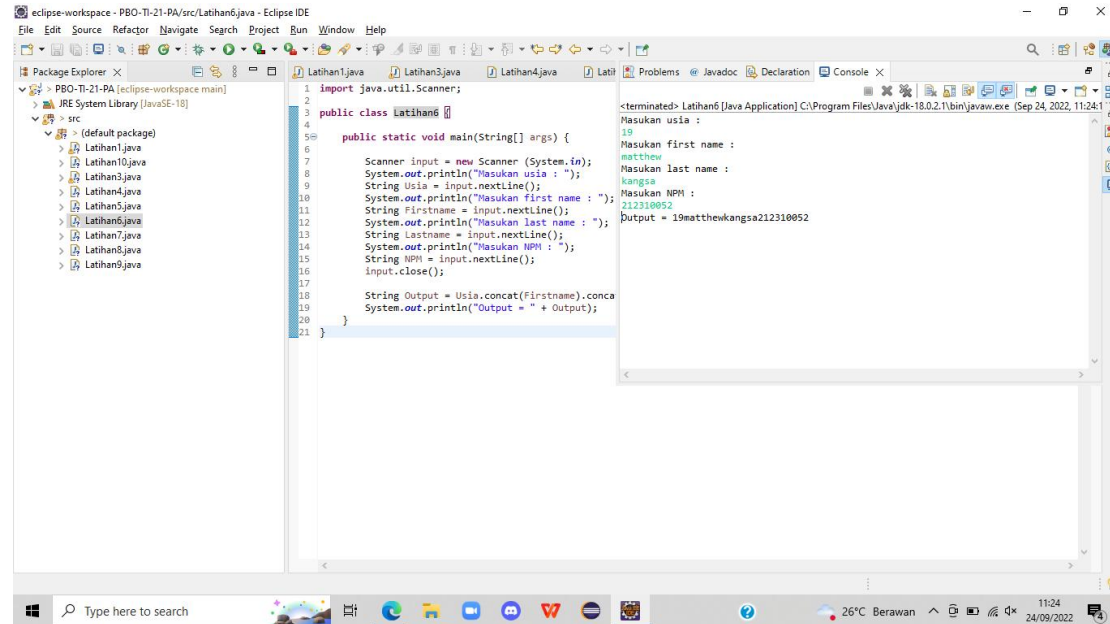
Diskon : 10%  
Sub Total: Rp12,474.00

## Latihan5

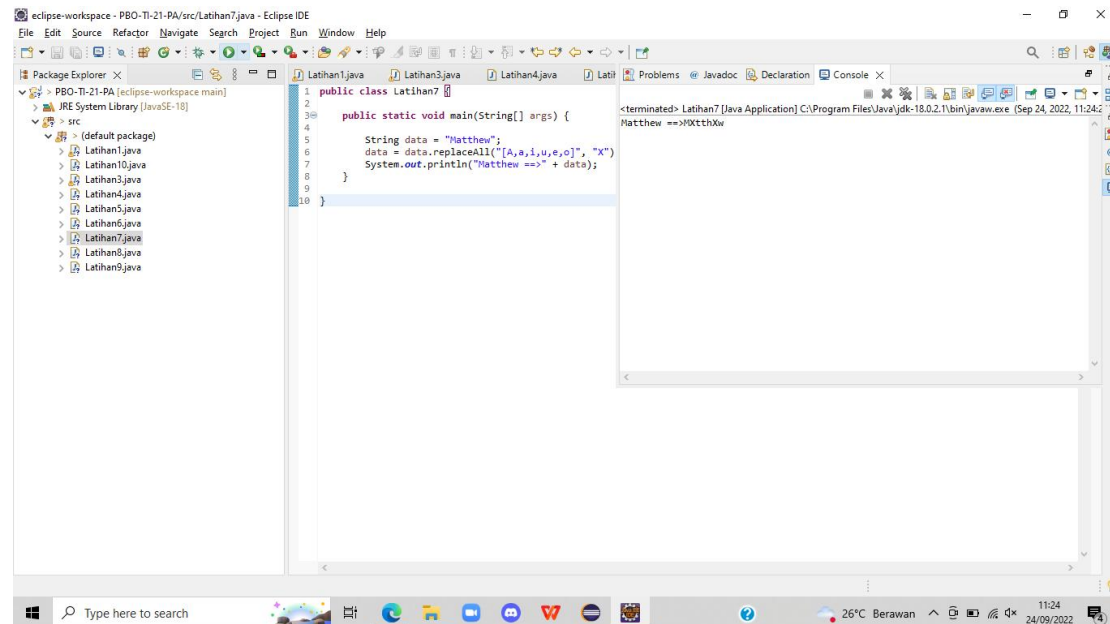
```
1 import java.util.Scanner;
2
3 public class Latihan5 {
4     public static void main (String[] args) {
5         Scanner input = new Scanner(System.in);
6         System.out.println("Masukan text : ");
7         String text = input.nextLine();
8         System.out.println(text.toUpperCase());
9         input.close();
10     }
11 }
```

Masukan text :  
MATTHEW

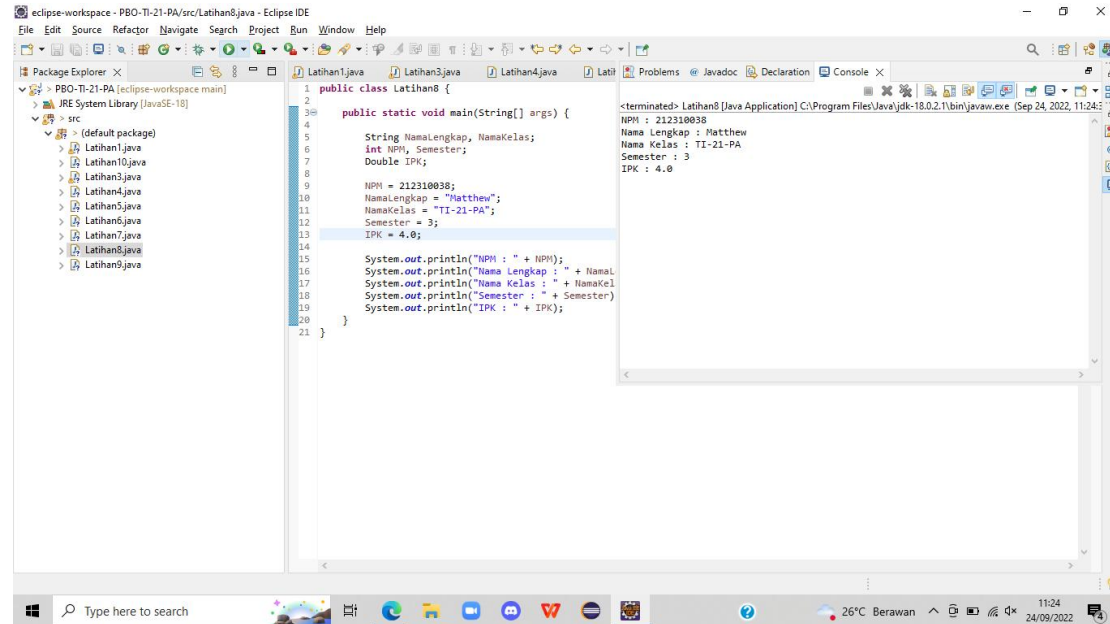
## Latihan6



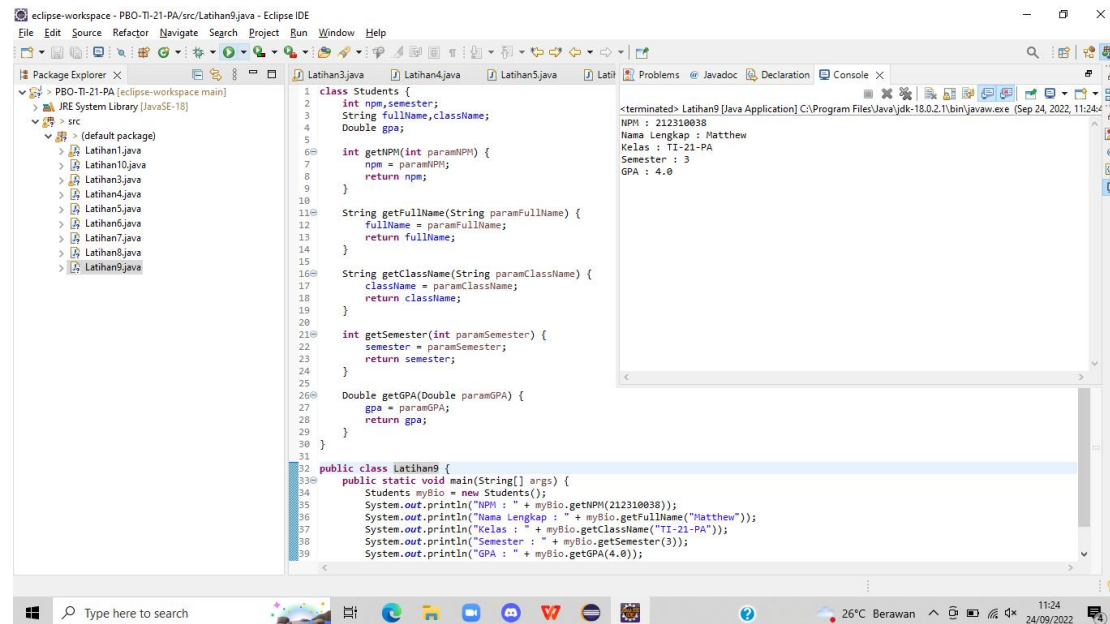
## Latihan7



## Latihan8



## Latihan9



## Latihan10

The screenshot shows the Eclipse IDE interface with a Java project named 'PBO-TI-21-PA'. The main editor displays the source code for 'Latihan10.java'. The code imports necessary classes like Scanner, LocalDateTime, and DecimalFormat. It defines a 'main' method that initializes variables for product quantity, price, and discount. It uses a Scanner to take user input for the number of products and the member name. The code then calculates the total price with a 10% discount and formats the output using DecimalFormat. The console output shows the program's execution, including the store name 'TOKO SERBAGUNA IBIK', the input '2' for the number of products, and the calculated total price 'Rp12,474,00' for member 'Matthew'.

```
1 import java.util.Scanner;
2 import java.time.LocalDateTime;
3 import java.time.format.DateTimeFormatter;
4
5 import java.text.DecimalFormat;
6 import java.text.DecimalFormatSymbols;
7
8 public class Latihan10 {
9     public static void main(String[] args) {
10         Students myName = new Students();
11
12         int jml, total_harga, harga_satuan = 6300;
13         double diskon = 0, total_bayar = 0;
14
15         DecimalFormat kursIndonesia = (DecimalFormat)
16         DecimalFormatSymbols formatRp = new DecimalFormatSymbols();
17
18         formatRp.setCurrencySymbol("Rp");
19         formatRp.setMonetaryDecimalSeparator(',');
20         formatRp.setGroupingSeparator('.');
21
22         System.out.println("=====
23         System.out.println(" TOKO SERBAGUNA
24         System.out.println("=====
25         System.out.print("Masukkan jumlah produk yang
26         Scanner input = new Scanner(System.in);
27         jml = input.nextInt();
28         input.close();
29
30         LocalDateTime myDateObj = LocalDateTime.now();
31         DateTimeFormatter myFormatObj = DateTimeFormatter.ofPattern("dd-MM-yyyy HH:mm:ss");
32
33         String formattedDate = myDateObj.format(myFormatObj);
34         System.out.println(formattedDate);
35
36         System.out.println();
37
38         total_harga = jml * 6300;
```

Console Output:

```
<terminated> Latihan10 [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Sep 24, 2022, 11:24)
=====
TOKO SERBAGUNA IBIK
=====
Masukkan jumlah produk yang dibeli : 2
24-09-2022 11:24:50
=====
ITEM          QTY  HARGA          TOTAL
=====
ROTI ENAK      2    Rp6,300,00Rp12,600,00
=====
Diskon : 10%
Sub Total: Rp12,474,00
Member Name : Matthew
```