1.

```java
1
2 public class Latihan01 {
3
4      public static void main(String[] args) {
5          int c, k;
6          float r;
7          c = 90;
8
9          CelciusToFahrenheit();
10         r = CelciusToReamur();
11         k = CelciusToKelvin(c);
12         System.out.println("Convert celcius to others");
13         System.out.println("reamur = "+ r);
14         System.out.println("celcius = "+ c);
15         System.out.println("Kelvin = "+ k);
16
17     }
18
19     static void CelciusToFahrenheit() {
20         int c = 90;
21         int f = (9/5 * c) + 32;
22
23         System.out.println("Convert celcius to fahrenheit");
24         System.out.println("celcius = "+ c);
25         System.out.println("fahrenheit = "+ f);
26     }
27
28     static float CelciusToReamur() {
29         int c = 90;
30         int r = (5/4 * c);
31         return r;
32     }
33
34     static int CelciusToKelvin(int c) {
```

Problems @ Javadoc Declaration Console ✕ Coverage

<terminated> Latihan01 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 23, 20

```
Convert celcius to fahrenheit
celcius = 90
fahrenheit = 122
Convert celcius to others
reamur = 90.0
celcius = 90
Kelvin = 363
```

```java
1  import java.util.Scanner;
2  public class Latihan_03 {
3
4      public static void main(String[] args) {
5          Scanner userInput = new Scanner(System.in);
6          float phi = 3.14f;
7          float r, tinggi;  // s = Panjang Garis Pelukis
8          float luas, volume, s;
9          int bangunan;
10
11
12         System.out.println("\t Pilih Bangunan yang ingin di hitung Luas dan Volume nya \n\n");
13         System.out.println("\t 1. Tabung \n\n");
14         System.out.println("\t 2. Segitiga Kerucut \n\n");
15         System.out.print(" Silahkan Ketik  : ");
16         bangunan = userInput.nextInt();
17
18         if(bangunan == 1) {
19  //         ===================tabung=============================
20             System.out.println("\t Hitung Luas dan Volume Tabung \n\n");
21             System.out.print(" Masukkan Jari-jari     : ");
22             r = userInput.nextFloat();
23
24             System.out.print(" Masukkan Tinggi         : ");
25             tinggi = userInput.nextFloat();
26
27             luas = 2 * phi * r * r * tinggi;
28             volume = phi * r * r * tinggi;
29             System.out.println(" Luas Permukaan Tabungnya Adalah  : " + luas);
30             System.out.println(" Volume Tabungnya Adalah  : " + volume);
31         } else {
32  //         ===================segitiga kerucut=============================
33             System.out.println("\t Hitung Luas dan Volume Segitiga Kerucut \n\n");
34             System out print(" Masukkan Jari-jari     : ");
```

Problems @ Javadoc Declaration Console ✕ Coverage

<terminated> Latihan_03 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 23, 2022, 5:03:50 PM – 5:04:05 PM) [pid: 9700]

```
        2. Segitiga Kerucut


 Silahkan Ketik  : 2
        Hitung Luas dan Volume Segitiga Kerucut


 Masukkan Jari-jari     : 6
 Masukkan Garis Pelukis        : 3
 Masukkan Tinggi        : 7
 Luas Permukaan Segitiga Kerucutnya Adalah  : 169.56
 Volume Segitiga Kerucutnya Adalah  : 263.76
```

2.

```java
1  import java.util.Scanner;
4
5  public class Latihan04 {
6
7      public static void main(String[] args) {
8          Scanner input = new Scanner(System.in);
9          LocalDateTime waktuSekarang = LocalDateTime.now();
10         DateTimeFormatter formatWaktu = DateTimeFormatter.ofPattern("dd MMM yyyy (HH:mm)");
11         String waktu = waktuSekarang.format(formatWaktu);
12
13         double hargaRoti = 6300;
14         double jumlahBeli;
15         double totalHarga;
16         double diskon;
17         double subTotal;
18
19         System.out.println("================= =================");
20         System.out.println("\tTOKO SERBAGUNA IBIK");
21         System.out.print("====================================\n");
22         System.out.print("Masukkan jumlah produk yang dibeli = ");
23
24         jumlahBeli = input.nextInt();
25         totalHarga = hargaRoti * jumlahBeli;
26
27         System.out.print("\n");
28
29         System.out.println(waktu);
30         System.out.println("ITEM \t\tQTY \t\tHARGA \t\tTOTAL");
31         System.out.println("=========================================================");
32
33         System.out.println("ROTI ENAK. \t" + jumlahBeli + "\t\tRp " + hargaRoti + "\tRp " + totalHarga);
34         System.out.println("---------------------------------------------------------");
35
36         if(jumlahBeli % 3 == 0) {
```

🔴 Problems @ Javadoc 🔍 Declaration 🖥 Console ✕ 📊 Coverage

\<terminated\> Latihan04 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 23, 2022, 5:05:45 PM – 5:05:52 PM) [pid: 17108]

```
================= =================
        TOKO SERBAGUNA IBIK
====================================
Masukkan jumlah produk yang dibeli = 6

23 Sep 2022 (17:05)
ITEM            QTY             HARGA           TOTAL
=========================================================
ROTI ENAK.      6.0             Rp 6300.0       Rp 37800.0
---------------------------------------------------------
Diskon: 5%
Sub Total = Rp 35910.0
```

3.

```java
1  import java.util.Scanner;
2
3  public class Latihan05 {
4
5      public static void main(String[] args) {
6          Scanner input = new Scanner(System.in);
7          String kalimat;
8
9          System.out.print("Masukkan sebuah kalimat acak = ");
10         kalimat = input.nextLine();
11
12         System.out.println("\nKalimat dengan huruf kecil = " + kalimat);
13         System.out.println("Kalimat dengan huruf besar = " + kalimat.toUpperCase());
14
15         input.close();
16     }
17
18 }
19
```

Problems | @ Javadoc | Declaration | Console × | Coverage

<terminated> Latihan05 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 23, 2022, 5:06:27 PM – 5:06:38 PM) [pid: 12

```
Masukkan sebuah kalimat acak = kevina

Kalimat dengan huruf kecil = kevina
Kalimat dengan huruf besar = KEVINA
```

4.

```java
1  import java.util.Scanner;
2
3  public class Latihan06 {
4
5      public static void main(String[] args) {
6          Scanner input = new Scanner(System.in);
7          String Usia, Firstname, Lastname, NPM;
8
9          System.out.print("Masukkan Usia \t\t: ");
10         Usia = input.nextLine();
11
12         System.out.print("Masukkan Firstname \t: ");
13         Firstname = input.nextLine();
14
15         System.out.print("Masukkan Lastname  \t: ");
16         Lastname = input.nextLine();
17
18         System.out.print("Masukkan NPM \t\t: ");
19         NPM = input.nextLine();
20
21         System.out.println(Usia.concat(Firstname).concat(Lastname.concat(NPM)));
22
23         input.close();
24     }
25
26 }
27
```

Problems @ Javadoc Declaration Console × Coverage
<terminated> Latihan06 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 23, 2022, 5:07:13 PM – 5:07:32 PM

```
Masukkan Usia            : 19
Masukkan Firstname       : Kevina
Masukkan Lastname        : aja
Masukkan NPM             : 212310021
19Kevinaaja212310021
```

5.

```java
1  import java.util.Scanner;
2
3  public class Latihan07 {
4
5      public static void main(String[] args) {
6          Scanner input = new Scanner(System.in);
7          String nama;
8
9          System.out.print("Masukkan nama \t: ");
10         nama = input.nextLine();
11
12         System.out.println("Nama awal \t: " + nama);
13         System.out.println("Nama format \t: " + nama.replaceAll("[aiueo]", "X"));
14
15         input.close();
16     }
17
18 }
19
```

Problems @ Javadoc Declaration Console × Coverage

```
<terminated> Latihan07 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe  (Sep 23, 2022, 5:08:24 PM – 5:08:30 PM)
Masukkan nama    : Kevina
Nama awal        : Kevina
Nama format      : KXvXnX
```

6.

9.

```java
import java.util.Scanner;

public class Latihan09 {

    public static void main(String[] args) {
        Latihan09 myProgram = new Latihan09();

        System.out.println("===SELAMAT DATANG==== \n");
        System.out.println("===SILAHKAN ISI DATA DIRI ANDA===\n");

        myProgram.InputStudents();
    }

    void InputStudents() {
        Students myBio = new Students();
        Scanner valueInput = new Scanner(System.in);

        // variabel untuk input data oleh user
        int inNPM, inSemester;
        float inGPA;
        String inFullName, inClassName;

        // variabel untuk menyimpan data masukkan oleh user
        int objNPM, objSemester;
        float objGPA;
        String objFullName, objClassName;

        System.out.print("Masukkan NPM = ");
        inNPM = valueInput.nextInt();
        objNPM = myBio.getNPM(inNPM);

        valueInput.nextLine();

        System.out.print("Masukkan nama lengkap Anda = ");
```

Problems @ Javadoc ⓔ Declaration ▣ Console ✕ 🗎 Coverage

<terminated> Latihan09 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 23, 2022, 5:09:02 PM

```
===SILAHKAN ISI DATA DIRI ANDA===

Masukkan NPM = 212310021
Masukkan nama lengkap Anda = Cindy Kevina
Masukkan kelas Anda = TI-21-PA
Masukkan semester Anda = 3
Masukkan GPA / IPK Anda = 3

NPM             : 212310021
Nama Lengkap    : Cindy Kevina
Kelas           : TI-21-PA
Semester        : 3
GPA / IPK       : 3.0
```