

Praktikum 2

Latihan02a.java

Buatlah program berikut :

```
public class Latihan2a
{
    public static void main(String[] args)
    {
        System.out.print("Sistem ");
        System.out.println("Informasi");
        System.out.println("UDINUS");
    }
}
```

Latihan02b.java

Apa program berikut :

```
public class Latihan02b
{
    public static void main( String[] args )
    {
        int value = 10;
        char x;
        x = 'A';

        System.out.println( value );
        System.out.println( "The value of x = " + x );
    }
}
```

Latihan02c.java

Buatlah program berikut :

```
public class Latihan02c
{
    public static void main(String[] args)
    {
        String angka = "1010";

        int angka2 = Integer.valueOf(angka);

        System.out.println(angka + 10);
        System.out.println(angka2 + 10);
    }
}
```

Latihan02d.java

Buatlah program berikut :

```
public class Latihan02d
{
    public static void main(String abcd[])
    {
        int panjang, lebar, luas;

        panjang = 10;
        lebar = 15;

        luas = panjang * lebar;
        System.out.println("Luas = " + luas);
    }
}
```

Latihan02e.java

Buatlah program berikut :

```
public class Latihan02e
{
    public static void main(String abcd[])
    {
        int a, t;
        double luas;

        a = 2; t = 7;

        luas = 0.5 * a * t;

        System.out.println("Luas Segitiga : " + luas);
    }
}
```

Ubahlah tipe data dari **variabel luas dengan int**, apa hasilnya ?

Latihan02f.java

Apa yg terjadi jika program berikut dijalankan ?

```
public class Latihan02f
{
    public static void main(String abcd[])
    {
        int[] myList = {1.1, 2, 3, 4, 5};

        for (int i = 0; i < myList.length; i++)
        {
            System.out.println(myList[i]);
        }
    }
}
```

Apa solusinya ?

Latihan02g.java

Buatlah program untuk menghitung total keseluruhan dari element array Latihan02f

Latihan02h.java

Buatlah program berikut :

```
public class Latihan02h
{
    public static void main(String[] args)
    {
        double myDouble = 9.78;
        int myInt = myDouble;    //(int) ?

        System.out.println(myDouble);
        System.out.println(myInt);
    }
}
```

Latihan02i.java

Buatlah program berikut :

```
public class Latihan02i
{
    public static void main(String[] args)
    {
        String string1 = "123";
        String string2 = "ab123";

        int varstr1 = Integer.parseInt(string1);

        System.out.println(varstr1 + 2);
        System.out.println(string1 + varstr1);

        int varstr2 = Integer.parseInt(string2);
        System.out.println(varstr2);
    }
}
```

Latihan02j.java

Buatlah program berikut :

```
import java.util.Scanner;
import java.io.*;
public class Latihan02j
{
    public static void main(String[] args)
    {
        Scanner u_input = new Scanner(System.in);

        String nama;
        int nilai1, nilai2;
        float rata2;

        System.out.print("Nama      : ");
        nama = u_input.next();
        System.out.print("Nilai1   : ");
        nilai1 = u_input.nextInt();
        System.out.print("Nilai    : ");
        nilai2 = u_input.nextInt();
        System.out.println("=====");
        rata2 = (nilai1 + nilai2) / 2;
        System.out.println("Rata-rata : " + rata2);
    }
}
```