PROGRAMMING PRIORITAS 1

1. public class Test\_1{

public static void main(String[] args){

float alas = 20;

float tinggi = 25;

float luas\_segitiga;

luas\_segitiga = 1/2 \* alas \* tinggi;

float panjang = 40;

float lebar = 6;

float luas\_persegi;

luas\_persegi = panjang \* lebar;

double jari2 = 7;

double luas\_lingkaran;

luas\_lingkaran = 3.14 \* jari2 \* jari2;

}

}

2. public class Test\_2{

public static void main(String[] args){

int hargaBeli = 15000;

int hargaJual = 16000;

String hasil = null;

if(hargaBeli > hargaJual){

hasil = "rugi sebesar: -" + (hargaBeli-hargaJual);

}else if(hargaBeli < hargaJual){

hasil = "untung sebesar: "+(hargaJual-hargaBeli);

}

else if(hargaBeli == hargaJual){

hasil = "sama saja";

}

System.out.println(hasil);

}

}

PROGRAMMING PRIORITAS 2

1. class Main{

public static void drawXYZ(int n){

int count = 0;

for(int i = 0; i < n; i++){

for(int j = 0; j<5; j++){

count++;

if(count%3==0){

System.out.print("X");

}else if(count%2!=0){

System.out.print("Y");

} else if(count%2==0){

System.out.print("Z");

}

}

System.out.print("\n");

}

}

public static void main(String[] args){

drawXYZ(5);

}

}

2. class Main2{

public static void printAsterisk(int n){

for(int i = 1; i <= n; i++){

for(int j = 0; j < n-i; j++){

System.out.print(" ");

}

for(int k = 0; k < i; k++){

System.out.print("\* ");

}

System.out.print("\n");

}

}

public static void main(String[] args){

printAsterisk(5);

}

}

OOP PRIORITAS 1

1. class Product{

String nama, deskripsi;

int harga, jumlah\_stok;

public void setNama(String nama) {

this.nama = nama;

}

public String getNama() {

return nama;

}

public void setDeskripsi(String deskripsi) {

this.deskripsi = deskripsi;

}

public String getDeskripsi() {

return deskripsi;

}

public void setHarga(int harga) {

this.harga = harga;

}

public int getHarga() {

return harga;

}

public void setJumlah\_stok(int jumlah\_stok) {

this.jumlah\_stok = jumlah\_stok;

}

public int getJumlah\_stok() {

return jumlah\_stok;

}

public void getInfo(){

System.out.println("===");

System.out.println("INFO PRODUK");

System.out.println("nama: " + getNama());

System.out.println("deskripsi: " + getDeskripsi());

System.out.println("harga: " + getHarga());

System.out.println("jumlah stok: " + getJumlah\_stok());

System.out.println("===");

}

}

public class test{

public static void main(String[] args){

Product coffee = new Product();

coffee.setNama("coffee");

coffee.setDeskripsi("This is coffee");

coffee.setHarga(15000);

coffee.setJumlah\_stok(10);

coffee.getInfo();

Product milk = new Product();

milk.setNama("milk");

milk.setDeskripsi("this is fresh milk");

milk.setHarga(25000);

milk.setJumlah\_stok(10);

milk.getInfo();

Product appleJuice = new Product();

appleJuice.setNama("apple juice");

appleJuice.setDeskripsi("this is juice");

appleJuice.setHarga(18000);

appleJuice.setJumlah\_stok(20);

appleJuice.getInfo();

}

}

1. public class Main4{

public static int add(int num1, int num2){

int hasil = 0;

hasil = num1+num2;

return hasil;

}

public static int substract(int num1, int num2){

int hasil = 0;

hasil = num1-num2;

return hasil;

}

public static int multiply(int num1, int num2){

int hasil = 0;

hasil = num1\*num2;

return hasil;

}

public static int divide(int num1, int num2){

int hasil = 0;

hasil = num1/num2;

return hasil;

}

public static void main(String[] args){

System.out.println("Penjumlahan: " + add(3,4));

System.out.println("Pengurangan: " + substract(15, 4));

System.out.println("Perkalian: " + multiply(10, 10));

System.out.println("Pembagian: " + divide(12,3));

}

}