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Kelompok : 4

Jobsheet P1

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| NO | Kegiatan | Script | Hasil |
| 1 | Membuat attribut dari sebuah class dan buatkan objek | package PBO;  class Hp {  String nama;  String series;  }  public class Main {  public static void main(String[]args) throws Exception {    Hp Samsung = new Hp();  Samsung.nama = "Samsung Galaxy";  Samsung.series = "A21S";    System.out.println(Samsung.nama);  System.out.println(Samsung.series);    }  } |  |
| 2 | Membuat 5 attribut kemudian tampilkan dalam 2 objek yang berbeda | package PBO;  class Hp {  String nama;  String series;  int ram;  int memory;  String battery;  }  public class Main {  public static void main(String[]args) throws Exception {    Hp Samsung = new Hp();  Samsung.nama = "Samsung Galaxy";  Samsung.series = "A21S";  Samsung.ram = 8;  Samsung.memory = 128;  Samsung.battery = "5000 mAh";    Hp Huawei = new Hp();  Huawei.nama = "Huawei";  Huawei.series = "Nova 5T";  Huawei.ram = 8;  Huawei.memory = 256;  Huawei.battery = "5000 mAh";    System.out.println(Samsung.nama);  System.out.println(Samsung.series);  System.out.println(Samsung.ram);  System.out.println(Samsung.memory);  System.out.println(Samsung.battery);    System.out.println(Huawei.nama);  System.out.println(Huawei.series);  System.out.println(Huawei.ram);  System.out.println(Huawei.memory);  System.out.println(Huawei.battery);  }  } |  |
| 3 | Membuat class dan method | package PBO;  class Hp {  String nama;  String series;  int ram;  int memory;  String battery;    void tampilkan(){  System.out.println(nama);  System.out.println(series);  System.out.println(ram);  System.out.println(memory);  System.out.println(battery);  }  }  public class Main {  public static void main(String[]args) throws Exception {    Hp Samsung = new Hp();  Samsung.nama = "Samsung Galaxy";  Samsung.series = "A21S";  Samsung.ram = 8;  Samsung.memory = 128;  Samsung.battery = "5000 mAh";    Hp Huawei = new Hp();  Huawei.nama = "Huawei";  Huawei.series = "Nova 5T";  Huawei.ram = 8;  Huawei.memory = 256;  Huawei.battery = "5000 mAh";    Samsung.tampilkan();  Huawei.tampilkan();  }  } |  |
| 4 | Membuat program inputan dinamis menggunakan studi kasus masing-masing dengan 5 buah objek yang berbeda | package PBO;  import java.util.Scanner;  class Kalimat {  private String teks;  Kalimat(String teks) {  this.teks = teks;  }  int hitungPanjang() {  return teks.length();  }  }  public class PanjangKalimat {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  Kalimat[] kalimatArray = new Kalimat[5];  for (int i = 0; i < 5; i++) {  System.out.print("Masukkan kalimat " + (i + 1) + ": ");  String teks = scanner.nextLine();  Kalimat kalimat = new Kalimat(teks);  kalimatArray[i] = kalimat;  }  for (int i = 0; i < 5; i++) {  Kalimat kalimat = kalimatArray[i];  int panjang = kalimat.hitungPanjang();  System.out.println("Panjang kalimat " + (i + 1) + ": " + panjang + " karakter");  }  }  } |  |
| 5 | Membuat Objek Konstruktor dari 2 kelas yang berbeda masing masing 2 objek | package PBO;  class Mahasiswa {  String nama;  String alamat;    Mahasiswa(String inputNama, String inputAlamat){  nama = inputNama;  alamat = inputAlamat;    }  }  class Dosen {  String nama;  int umur;    Dosen(String inputNama, int inputUmur) {  nama = inputNama;  umur = inputUmur;  }    }  public class Kuliah {  public static void main(String[]args)throws Exception {    Mahasiswa mahasiswa1 = new Mahasiswa("Reza", "Ampenan");  Mahasiswa mahasiswa2 = new Mahasiswa("Rasya", "Monjok");    System.out.println("== Mahasiswa ==");  System.out.println("1. Nama : " + mahasiswa1.nama);  System.out.println(" Alamat : " + mahasiswa1.alamat);  System.out.println("2. Nama : " + mahasiswa2.nama);  System.out.println(" Alamat : " + mahasiswa2.alamat);    Dosen dosen1 = new Dosen("Suharto", 30);  Dosen dosen2 = new Dosen("Munir", 35);    System.out.println("");    System.out.println("== Dosen ==");  System.out.println("1. Nama : " + dosen1.nama);  System.out.println(" Umur : " + dosen1.umur + " tahun");  System.out.println("2. Nama : " + dosen2.nama);  System.out.println(" Umur : " + dosen2.umur + " tahun");  }  } |  |