

**POST TEST**  
**PEMROGRAMAN BERORIENTASI OBJEK**



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S1SI07C

**PROGRAM STUDI SISTEM INFORMASI**  
**FAKULTAS REKAYASA INDUSTRI**  
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## Kode

Tanaman.java

```
/*
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 license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package posttest_2311103139_teukubintanghadinegara;

/**
 *
 * @author TeukuBintangHadiNegara / 2311103139
 */
public class Tanaman {
    String nama;
    int jumlah;
    String jenis;
    String atributTanaman;

    public Tanaman(String nama, int jumlah, String jenis, String atributTanaman) {
        this.nama = nama;
        this.jumlah = jumlah;
        this.jenis = jenis;
        this.atributTanaman = atributTanaman;
    }

    public void tampilkanData() {
        System.out.println("Nama Tanaman : " + nama + "Jumlah Tanaman : " + jumlah +
```

```
        "Jenis Tanaman : " + jenis + "Warna Tanaman : " + atributTanaman);  
    }  
}
```

Penjelasan :

ManajemenTaman.java

```
/*  
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 license  
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template  
 */  
package posttest_2311103139_teukubintanghadinegara;  
  
/**  
 *  
 * @author TeukuBintangHadiNegara / 2311103139  
 */  
public class ManajemenTaman {  
    Tanaman[] tanaman;  
    int jumlahTanaman;  
  
    public ManajemenTaman(int kapasitas){  
        tanaman = new Tanaman[kapasitas];  
        jumlahTanaman = 0;  
    }  
  
    public void tambahTanaman(Tanaman item) {  
        tanaman[jumlahTanaman] = item;  
    }  
}
```

```

        jumlahTanaman++;
    }

    public void tampilkanSemuaTanaman(){
        System.out.println("Daftar Tanaman:");
        for (int i = 0; i < jumlahTanaman; i++) {
            tanaman[i].tampilkanData();
        }
    }
}

```

Penjelasan :

Main.java

```

/*
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 * license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
 */
package posttest_2311103139_teukubintanghadinegara;

import java.util.Scanner;

/**
 *
 * @author TeukuBintangHadiNegara / 2311103139
 */
public class PostTest_2311103139_TeukuBintangHadiNegara {

```

```
public static void main(String[] args) {  
    Scanner scanner = new Scanner (System.in);  
    ManajemenTaman tanaman = new ManajemenTaman (10);  
    char tambahTanaman = 0;  
    int pilihan = 0;  
  
    System.out.println("===Menu Manajemen Tanaman===");  
    System.out.println("1. Tambah Bunga");  
    System.out.println("2. Tambah Pohon");  
    System.out.println("3. Tampilkan Semua Tanaman");  
    System.out.println("4. Keluar");  
    pilihan = scanner.nextInt();  
    do{  
        switch(pilihan){  
            case 1:  
                System.out.print("Masukkan nama Bunga: ");  
                String nama = scanner.nextLine();  
                System.out.print("Masukkan jumlah Bunga: ");  
                int jumlah = scanner.nextInt();  
                System.out.print("Masukkan jenis Bunga: ");  
                String jenis = scanner.nextLine();  
                System.out.print("Masukkan warna Bunga: ");  
                String atributTanaman = scanner.nextLine();  
                scanner.nextLine();  
                Tanaman item = new Tanaman(nama, jumlah, jenis, atributTanaman);  
                tanaman.tambahTanaman(item);  
                System.out.print("Apakah ingin menambah pesanan lagi? (y/n): ");  
                tambahTanaman = scanner.next().charAt(0);  
            }  
        }  
    }
```

```
        scanner.nextLine();  
    case 2 :  
        break;  
    case 3 :  
        tanaman.tampilkanSemuaTanaman();  
    case 4 :  
        break;  
    }  
}while (tambahTanaman == 'y' || tambahTanaman == 'Y');  
}  
}
```