

POSTTEST 2 PBO

NAMA : PUPUT WIDYASTUTI

NIM : 2109106074

KELAS : INFORMATIKA B 2021

SOURCE CODE MAIN.JAVA :

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
 */
package main;

/**
 *
 * @author acer
 */
import java.util.Scanner;
import java.io.InputStreamReader;
import java.io.BufferedReader;
import java.util.ArrayList;
import java.io.IOException;
//import data.Bakery;

public class Main {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) throws IOException{
        // TODO code application logic here
        InputStreamReader isr = new InputStreamReader(System.in);
        BufferedReader br = new BufferedReader(isr);
```

```

ArrayList<Bakery> dataBkr = new ArrayList<>();
boolean loop = true;
while (loop){
    System.out.println("=====");
    System.out.println("    Toko Kue Ice Bakery    ");
    System.out.println("=====");
    System.out.println("1.\tTambah");
    System.out.println("2.\tTampilkan");
//    System.out.println("2.\tCari");
    System.out.println("3.\tUbah");
    System.out.println("4.\tHapus");
    System.out.println("=====");

    System.out.print("\n\nMasukkan Pilihan : ");
    int menu = Integer.parseInt(br.readLine());

    switch (menu) {
        case 1:
            System.out.println("=====");
            System.out.println("        MENU        ");
            System.out.println("    TAMBAHKAN DATA MENU BAKERY    ");
            System.out.println("=====");
//            System.out.print("\n\nMasukkan Pilihan : ");
//            int menu = Integer.parseInt(br.readLine());

//            switch(menu){
//            case 1:
                System.out.print("Masukkan code  : ");
                String cd = br.readLine();
                System.out.print("Masukkan varian : ");
                String vrn = br.readLine();

```

```

//          System.out.print("Masukkan Jenis : ");
//          String jns = br.readLine();

System.out.print("Masukkan stok  : ");
int stk = Integer.parseInt(br.readLine());
Bakery newBakery = new Bakery(cd, vrn, stk);
dataBkr.add(newBakery);

break;
default:
    break;

//          break;

case 2:
    System.out.println("=====");
    System.out.println("          MENU          ");
    System.out.println("    LIHAT DATA MENU BAKERY    ");
    System.out.println("=====");
    System.out.print("\n\nMasukkan data ke berapa yang ingin dilihat : ");
    int menuLihat = Integer.parseInt(br.readLine());
    if(menuLihat ==1){
        System.out.println(" Data di Ice Bakery ");
        for (int i = 0; i < dataBkr.size(); i++){
            System.out.println("Code      : " + dataBkr.get(i).getCode());
            System.out.println("Varian    : " + dataBkr.get(i).getVarian());
            System.out.println("Stok      : " + dataBkr.get(i).getStok());
//          System.out.println("=====");
        }
    }else{
        System.out.println("Data tiakk ditemukan");
    }
    break;

case 3:

```

```

System.out.println("=====");
System.out.println("          MENU          ");
System.out.println("    LIHAT DATA MENU BAKERY    ");
System.out.println("=====");
System.out.print("\n\nMasukkan data yang ingin diedit : ");
int menuEdit = Integer.parseInt(br.readLine());

if(menuEdit == 1){
    System.out.println("Masukkan code data Bakery : ");
    String findBkr = br.readLine();

    for(Bakery bkr : dataBkr){
        if(bkr.getCode().equals(findBkr)){
            System.out.println("Code    : "); bkr.setCode(br.readLine());
            System.out.println("Varian  : "); bkr.setVarian(br.readLine());
            System.out.println("Stok    : "); bkr.setStok(Integer.parseInt(br.readLine()));
            System.out.println("=====");
        }
    }
} else{
    System.out.println("Data tidak ditemukan ");
}
break;
case 4:
System.out.println("=====");
System.out.println("          MENU          ");
System.out.println("    LIHAT DATA MENU BAKERY    ");
System.out.println("=====");
System.out.print("\n\nMasukkan data yang ingin dihapus : ");
int menuHapus = Integer.parseInt(br.readLine());
if(menuHapus == 1){
    System.out.println("Masukan Code Data Ice Bakery "); String findBkr1 =
br.readLine();

```

```
        for(int i = 0; i < dataBkr.size(); i++){
            if(dataBkr.get(i).getCode().equals(findBkr1)){
                dataBkr.remove(i);
                System.out.println(" Data berhasil dihapus\n");
            }
        }
        break;
    case 5:
        loop = false;
        break;
    }

}

}

}
```

SOURCE CODE BAKERY.JAVA :

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package main;

/**
 *
 * @author acer
 */
public class Bakery {

    protected String Code;
    protected String Varian;
    protected int Stok;

    public String getCode() {
        return Code;
    }

    public String getVarian() {
        return Varian;
    }

    public int getStok() {
        return Stok;
    }

    public Bakery (String Code, String Varian, int Stok){
        this.Code = Code;
        this.Varian = Varian;
    }
}
```

```
        this.Stok = Stok;
    }

    public void display(){
        System.out.println("Code      : " + this.Code);
        System.out.println("Varian    : " + this.Varian);
        System.out.println("Stok      : " + this.Stok);
    }

    public void setCode(String Code){
        this.Code = Code;
    }

    public void setVarian(String Varian ){
        this.Varian = Varian;
    }

    public void setStok(int Stok){
        this.Stok = Stok;
    }
}
```

SS OUTPUT :

- Tampilan menu

```
tput - Main (run) #2

run:
=====
                Toko Kue Ice Bakery
=====
1.      Tambah
2.      Tampilkan
3.      Ubah
4.      Hapus
=====
```

- Tampilan menu tambah :

```
Masukkan Pilihan : 1
=====
                MENU
            TAMBAHKAN DATA MENU BAKERY
=====
Masukkan code      : A21
Masukkan varian    : Vanilla Cake
Masukkan stok      : 12
=====

Masukkan Pilihan : 1
=====
                MENU
            TAMBAHKAN DATA MENU BAKERY
=====
Masukkan code      : B21
Masukkan varian    : Matcha Sponge Cake
Masukkan stok      : 21
=====
                Toko Kue Ice Bakery
=====
1.      Tambah
2.      Tampilkan
3.      Ubah
4.      Hapus
=====
```



```

Masukkan Pilihan : 1
=====
                        MENU
                TAMBAHKAN DATA MENU BAKERY
=====
Masukkan code      : C21
Masukkan varian    : Chocolate
Masukkan stok      : 22
=====

```

- Tampilan setelah data ditambahkan :

```

Masukkan Pilihan : 2
=====
                        MENU
                LIHAT DATA MENU BAKERY
=====

Masukkan data ke berapa yang ingin dilihat : 1
Data di Ice Bakery
Code      : A21
Varian    : Vanilla Cake
Stok      : 12
Code      : B21
Varian    : Matcha Sponge Cake
Stok      : 21
Code      : C21
Varian    : Chocolate
Stok      : 22
=====
                Toko Kue Ice Bakery

```

Output

- Tampilan Ketika pilihan yang dimasukkan tidak sesuai

```

Masukkan Pilihan : 2
=====
                        MENU
                LIHAT DATA MENU BAKERY
=====

Masukkan data ke berapa yang ingin dilihat : 2
Data tiakk ditemukan
=====

```

- Tampilan menu Edit :

```

Masukkan Pilihan : 3
=====
                        MENU
                LIHAT DATA MENU BAKERY
=====

Masukkan data yang ingin diedit : 1
Masukkan code data Bakery :
A21
Code      :
D21
Varian    :
Pancake
Stok      :
6

```

- Tampilan setelah data pertama dengan code A21 diubah :

```

Masukkan Pilihan : 2
=====
                        MENU
                LIHAT DATA MENU BAKERY
=====

Masukkan data ke berapa yang ingin dilihat : 1
Data di Ice Bakery
Code      : D21
Varian    : Pancake
Stok      : 6
Code      : B21
Varian    : Matcha Sponge Cake
Stok      : 21
Code      : C21
Varian    : Chocolate
Stok      : 22

```

- Tampilan menu Hapus :

```
=====
                        Toko Kue Ice Bakery
=====
1.      Tambah
2.      Tampilkan
3.      Ubah
4.      Hapus
=====
```

Masukkan Pilihan : 4

```
=====
                        MENU
                        LIHAT DATA MENU BAKERY
=====
```

Masukkan data yang ingin dihapus : 1

Masukan Code Data Ice Bakery

D21

Data berhasil dihapus

- Tampilan Data setelah code A21 dihapus

```
=====
                        Toko Kue Ice Bakery
=====
1.      Tambah
2.      Tampilkan
3.      Ubah
4.      Hapus
=====
```

Masukkan Pilihan : 2

```
=====
                        MENU
                        LIHAT DATA MENU BAKERY
=====
```

Masukkan data ke berapa yang ingin dilihat : 1

Data di Ice Bakery

Code : B21

Varian : Matcha Sponge Cake

Stok : 21

Code : C21

Varian : Chocolate

Stok : 22