Pemograman Berorientasi Objek
TUGAS Perkuliahan sesi 5

NAMA :   : Bagoes Abyyu azhar
NIM   : 20210801253
FAKULTAS   : Ilmu Komputer
JURUSAN   : Teknik Informatika

1. Source Code

```java
public class Product { private int
    mProductID; private String
    mProductName; private double mPrice;
    private int mQuantity;

    public Product(int productID, String productName, double price, int qty){
        setProduct(productID, productName, price, qty);
    }

    public void setProduct(int productID, String productName, double price, int qty){
        mProductID = productID; mProductName = productName; mPrice = price; mQuantity =
        qty;
    }

    public int getProductID(){ return
        mProductID;
    }

    public    String    getProductName(){    return
        mProductName;
    }

    public double getPrice(){ return mPrice;
    }

    public int getQty(){
```

```java
        return mQuantity;
    }

    public void print(){
        System.out.println("ID Product: " + mProductID);
        System.out.println("Name: " + mProductName);
        System.out.println("Price: " + mPrice);
        System.out.println("Quantity: " + mQuantity); }

    public static void  main(String[] args){
        Product tBarang = new Product(000110242021, "Aqua Botol", 5000, 1);
        tBarang.print();
    }
}
```

Screenshot Hasil Akhir

2. Table Product yang merupakan :
    a) Atrribute/Field : mProductID, mProductName, mPrice, mQuantity
    b) Konstruktor :

```java
public Product(int productID, String productName, double price, int qty){
    setProduct(productID, productName, price, qty);
}
```

    c) Fungsi Getter :

```java
public int getProductID(){
    return mProductID;
}

public String getProductName(){
    return mProductName;
}

public double getPrice(){
    return mPrice;
}

public int getQty(){
    return mQuantity;
}
```

    d) Fungsi Setter :

```java
public void setProduct(int productID, String productName, double price, int
    qty){ mProductID = productID; mProductName = productName; mPrice =
    price;
    mQuantity = qty;
}
```