# REMIDI QUIZ 1

Mata Kuliah : Pemrograman Berbasis Object

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## Class TomClancys.java

```java
public class TomClancys {

    private String judul ;
    private int harga ;
    private int pegiAge ;

    public TomClancys() {

    }

    public String getJudul() {
        return judul ;
    }

    public void setJudul(String judul) {
        this.judul= judul ;
        setHarga() ;
    }

    public int getHarga() {
        return harga ;
    }

    public void setHarga() {
        if(this.judul.equalsIgnoreCase("Tom Clancy's The Division")){
            this.harga = 600000 ;
        } else if(this.judul.equalsIgnoreCase("Tom Clancy's Rainbow Six Siege")){
            this.harga = 595000 ;
        } else if(this.judul.equalsIgnoreCase("Tom Clancy's Splinter Cell")){
            this.harga = 120000 ;
        } else {
            this.harga = 0 ;
        }
    }

    public int getPegiAge() {
        return pegiAge ;
    }

    public void setPegiAge(int pegiAge) {
        this.pegiAge = pegiAge ;
    }

    public String info () {
        String info = "" ;
        info += "Judul Tom Clancy's = "  + getJudul() +"\n" ;
        info += "PG Age pada game = "  + getPegiAge() +"\n" ;
        info += "Harganya = "  + getHarga() +"\n" ;
```

```
        return info ;
    }

}
```

## Class CallOfDuty.java

```java
public class CallOfDuty {

    private String judul ;
    private int harga ;
    private int pegiAge ;

    public CallOfDuty() {
    }

    public String getJudul() {
        return judul ;
    }

    public void setJudul(String judul) {
        this.judul = judul ;
        setHarga () ;
    }

    public int getHarga() {
        return harga ;
    }

    public void setHarga() {
        if(this.judul.equalsIgnoreCase("Call Of Duty Black Ops 4")){
            this.harga = 680000 ;
        } else if(this.judul.equalsIgnoreCase("Call Of Duty Advanced
Warfare")){
            this.harga = 455000 ;
        } else if(this.judul.equalsIgnoreCase("Call Of Duty Ghost")){
            this.harga = 180000 ;
        } else {
            this.harga = 0 ;
        }
    }

    public int getPegiAge() {
        return pegiAge;
    }

    public void setPegiAge(int pegiAge) {
        this.pegiAge = pegiAge;
    }

    public String info () {
        String info = "" ;
        info += "Judul Call Of Duty = "  + getJudul() +"\n" ;
        info += "PG Age pada game = "  + getPegiAge() +"\n" ;
        info += "Harganya = "  + getHarga() +"\n" ;
```

```
        return info ;
    }
}
```

## Class Games.java

```java
public class Games {

    private TomClancys tomclancys ;
    private CallOfDuty callofduty ;

    public Games() {
    }

    public void setTomclancys(TomClancys tomclancys) {
        this.tomclancys = tomclancys ;
    }

    public void setCallofduty(CallOfDuty callofduty) {
        this.callofduty = callofduty ;
    }

    public int TotalHarga() {
        int total = this.tomclancys.getHarga() + this.callofduty.getHarga()
;

        return total ;
    }

    public void info () {
        String info = "" ;
        System.out.println("Tom Clancys Info : " + this.tomclancys.info())
;
        System.out.println("Call Of Duty Info : " + this.callofduty.info())
;
        System.out.println("Total harga gamenya : " + TotalHarga()) ;
    }

}
```

## Class Main.java

```java
import java.util.Scanner ;
public class Main {

    static Scanner gc = new Scanner (System.in) ;
    public static void main (String [] args) {

        TomClancys tc = new TomClancys() ;
        tc.setPegiAge(18) ;
            System.out.println("1.) Tom Clancy's The Division") ;
            System.out.println("2.) Tom Clancy's Rainbow Six Siege") ;
            System.out.println("3.) Tom Clancy's Splinter Cell") ;
            System.out.print("Pilihan") ;
            int aaa = gc.nextInt() ;
            if (aaa == 1) {
```

```java
            tc.setJudul ("Tom Clancy's The Division") ;
        } else if (aaa == 2) {
            tc.setJudul ("Tom Clancy's Rainbow Six Siege") ;
        } else if (aaa == 3) {
            tc.setJudul ("Tom Clancy's Splinter Cell") ;
        } else {
            tc.setJudul (" ") ;
        }




    CallOfDuty cod = new CallOfDuty() ;
    cod.setPegiAge(12) ;
        System.out.println("1.) Call Of Duty Black Ops 4") ;
        System.out.println("2.) Call Of Duty Advanced Warfare") ;
        System.out.println("3.) Call Of Duty Ghost") ;
        System.out.print("Pilihan : ") ;
        int bbb = gc.nextInt() ;
        if (bbb == 1) {
            cod.setJudul ("Call Of Duty Black Ops4") ;
        } else if (bbb == 2) {
            cod.setJudul ("Call Of Duty Advanced Warfare") ;
        } else if (bbb == 3) {
            cod.setJudul ("Call Of Duty Ghost") ;
        }else {
            cod.setJudul(" ") ;
        }

        Games G = new Games () ;
        G.setTomclancys(tc) ;
        G.setCallofduty(cod) ;

        G.info () ;

    }

}
```
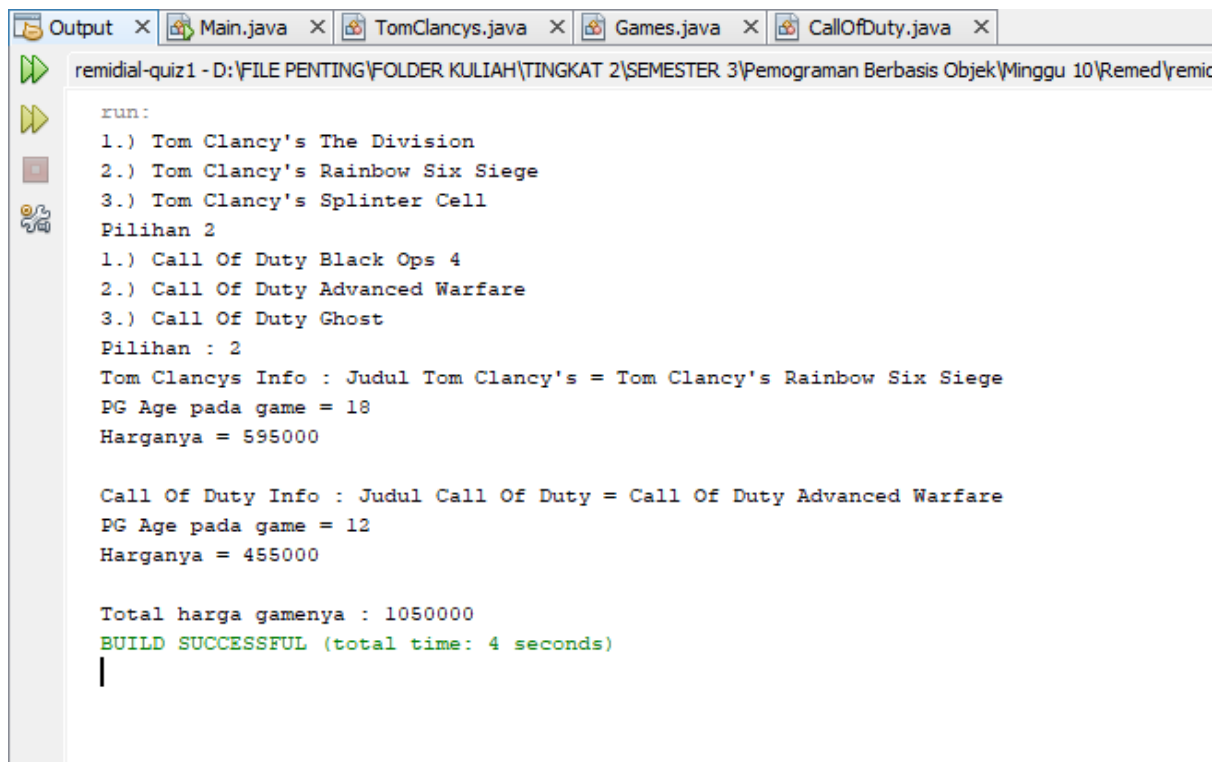
**Output :**

```
run:
1.) Tom Clancy's The Division
2.) Tom Clancy's Rainbow Six Siege
3.) Tom Clancy's Splinter Cell
Pilihan 2
1.) Call Of Duty Black Ops 4
2.) Call Of Duty Advanced Warfare
3.) Call Of Duty Ghost
Pilihan : 2
Tom Clancys Info : Judul Tom Clancy's = Tom Clancy's Rainbow Six Siege
PG Age pada game = 18
Harganya = 595000

Call Of Duty Info : Judul Call Of Duty = Call Of Duty Advanced Warfare
PG Age pada game = 12
Harganya = 455000

Total harga gamenya : 1050000
BUILD SUCCESSFUL (total time: 4 seconds)
```

## Diagram Class :

```
┌─────────────────────────────────────────────┐
│                    Games                     │
├─────────────────────────────────────────────┤
│ +tomclancys: TomClanys                       │
│ +CallOfDuty: CallOfDuty                      │
├─────────────────────────────────────────────┤
│ +Games()                                     │
│ +setTomClancys(tomclancys: TomClancys)       │
│ +setCallOfDuty(callofduty: CallOfDuty)       │
│ +TotalHarga()                                │
│ +info()                                      │
└─────────────────────────────────────────────┘
```

```
┌────────────────────────────────┐      ┌────────────────────────────────┐
│          TomClancys            │      │          CallOfDuty            │
├────────────────────────────────┤      ├────────────────────────────────┤
│ -judul: String                 │      │ -judul: String                 │
│ -harga: int                    │      │ +harga: int                    │
│ -pegiAge: int                  │      │ +pegiAge: int                  │
├────────────────────────────────┤      ├────────────────────────────────┤
│ +TomClancys()                  │      │ +CallOfDuty()                  │
│ +getJudul(): String            │      │ +getJudul(): String            │
│ +setJudul(judul: String)       │      │ +setJudul(judul: String)       │
│ +getHarga(): int               │      │ +getHarga(): int               │
│ +setHarga()                    │      │ +setHarga()                    │
│ +getPegiAge(): int             │      │ +getPegiAge(): int             │
│ +setPegiApe(pegiAge: int)      │      │ +setPegiApe(pegiAge: int)      │
│ +info()                        │      │ +info()                        │
└────────────────────────────────┘      └────────────────────────────────┘
```