

**LAPORAN
PRAKTIKUM PEMROGRAMAN BERBASIS OBJECT
REMIDI KUIS 1**



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**TEKNOLOGI INFORMASI / D4 TEKNIK INFORMATIKA
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2018**

1. Buatlah studi kasus tentang pembelian tiket bioskop dan buatlah diagram classnya?

Jawab

Class Tiket

```
/*
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 * and open the template in the editor.
 */
package debyprast.RemidialQuiz1;

/**
 *
 * @author sin
 */
public class Tiket {
    private String kode ;
    private String film;
    private int harga;

    public Tiket(String kode, String film, int harga) {
        this.kode = kode;
        this.film = film;
        this.harga = harga;
    }

    public int getHarga() {
        return harga;
    }

    public void setHarga(int harga) {
        this.harga = harga;
    }

    public String getKode() {
        return kode;
    }

    public void setKode(String kode) {
        this.kode = kode;
    }

    public String getFilm() {
```

```

        return film;
    }

    public void setFilm(String film) {
        this.film = film;
    }

    public String getInfo(){
        return kode+"\t| "+film+" | "+harga+"\t| ";
    }
}

```

Class Penonton

```

/*
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 */
package debyprast.RemidialQuiz1;

/**
 *
 * @author sin
 */
public class Penonton {
    private String nama;
    private String kategori;

    public Penonton(String nama, String kategori) {
        this.nama = nama;
        this.kategori = kategori;
    }

    public String getNama() {
        return nama;
    }

    public void setNama(String nama) {
        this.nama = nama;
    }

    public String getKategori() {

```

```

        return kategori;
    }

    public void setKategori(String kategori) {
        this.kategori = kategori;
    }

    public String getInfoPenonton(){
        return this.nama+" | "+this.kategori+" | \t";
    }
}

```

Class Transaksi

```

/*
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 */
package debyprast.RemidialQuiz1;

/**
 *
 * @author sin
 */
public class Transaksi {
    private Penonton penonton;
    private Tiket tiket;
    private float discount;

    public Transaksi(Penonton penonton, Tiket tiket,float discount) {
        this.penonton = penonton;
        this.tiket = tiket;
        this.discount=discount;
    }

    public float getDiscount() {
        return this.tiket.getHarga()*discount;
    }

    public void setDiscount(float discount) {
        this.discount = discount;
    }
}

```

```

        public Penonton getPenonton() {
            return penonton;
        }

        public void setPenonton(Penonton penonton) {
            this.penonton = penonton;
        }

        public Tiket getTiket() {
            return tiket;
        }

        public void setTiket(Tiket tiket) {
            this.tiket = tiket;
        }

        public void print(){
            System.out.println("==TRANSAKSI=====");
            System.out.println("| Nama\t | Kategori | Kode Tiket | Film\t| Harga \t|
Discount");
            System.out.println("|
"+this.penonton.getInfoPenonton()+this.tiket.getInfo()+this.getDiscount()+" |");
        }
    }
}

```

Class Main

```

/*
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 */
package debyprast.RemidialQuiz1;

/**
 *
 * @author sin
 */
public class Main {
    public static void main(String[] args) {
        Tiket tiket1=new Tiket("001", "Insidious 3", 25000);
        Penonton karina=new Penonton("Karina", "Remaja");
        Transaksi[] t=new Transaksi[1];
        t[0]=new Transaksi(karina,tiket1,0.5f);
        t[0].print();
    }
}

```

}

Class Diagram Bioskop

