

TUGAS 9 PRAKTIKUM

“PEMROGRAMAN BERBASIS OBJEK “



OLEH

RAHMAD DWIRIZKI OLDERS

NIM. 2211533005

DEPARTMENT INFORMATIKA

FAKULTAS TEKNOLOGI INFORMASI

UNIVERSITAS ANDALAS

2023

CanDeposit.java

```
package id.ac.unand.fti.si.pbo;

public interface CanDeposit {
    public void deposit(Integer a);
    public Integer tarikTunai(Integer a);
    public Integer cekSaldo();
}
```

CanGetDiskon.java

```
package id.ac.unand.fti.si.pbo;

/**
 * CanGetDiskon
 */
public interface CanGetDiskon {
    public Integer hitungTotalBayar(Integer a);
}
```

CanRequestCicilan.java

```
package id.ac.unand.fti.si.pbo;

public interface CanRequestCicilan {
    public Integer hitungCicilanPerBulan(Integer a, Integer b);
}
```

CanRequestDelivery.java

```
package id.ac.unand.fti.si.pbo;

public interface CanRequestDelivery {
    public Double hitungOngkir(Double a);
}
```

Member.java

```
package id.ac.unand.fti.si.pbo;

public class Member implements CanGetDiskon, CanDeposit, CanRequestCicilan, CanRequestDelivery {
    protected Integer poin = 0;

    public Integer getPoin() {
        return poin;
    }

    public void redeemPoin(Integer hargaSouvenir) {
        this.poin = this.poin - hargaSouvenir;
    }

    protected Integer getBonusPoin(Integer totalBayar) {
        Integer poin = (int) (totalBayar / 10000);
        return poin;
    }

    public Integer hitungTotalBayar(Integer a) {
        return a;
    }

    @Override
    public Double hitungOngkir(Double a) {
        // TODO Auto-generated method stub
        throw new UnsupportedOperationException("Unimplemented method 'hitungOngkir'");
    }

    @Override
    public Integer hitungCicilanPerBulan(Integer a, Integer b) {
        // TODO Auto-generated method stub
        throw new UnsupportedOperationException("Unimplemented method 'hitungCicilanPerBulan'");
    }

    @Override
    public void deposit(Integer a) {
        // TODO Auto-generated method stub
        throw new UnsupportedOperationException("Unimplemented method 'deposit'");
    }

    @Override
    public Integer tarikTunai(Integer a) {
        // TODO Auto-generated method stub
        throw new UnsupportedOperationException("Unimplemented method 'tarikTunai'");
    }

    @Override
    public Integer cekSaldo() {
        // TODO Auto-generated method stub
        throw new UnsupportedOperationException("Unimplemented method 'cekSaldo'");
    }
}
```

MemberGold.java

```
package id.ac.unand.fti.si.pbo;

public class MemberGold extends Member {
    public Integer saldo=0;

    @Override
    public Integer hitungTotalBayar(Integer bayar) {
        if(bayar<=500_000){
        }else if(bayar<=1_000_000){
            bayar-=bayar*2/100;
        }else if(bayar<=7_000_000){
            bayar-=bayar*4/100;
        }else{
            bayar-=bayar*6/100;
        }
        poin += bayar/10_000;
        return bayar;
    }

    @Override
    public Double hitungOngkir(Double a) {
        // TODO Auto-generated method stub
        if(a<7){
            return 0.0;
        }else{
            a=a-6;
            Integer b = (int) a.doubleValue();
            return b*1000.0;
        }
    }
}
```

MemberPlatinum.java

```

package id.ac.unand.fti.si.pbo;

public class MemberPlatinum extends Member {
    public Integer saldo=0;
    public MemberPlatinum (){}

    }
    @Override
    public Integer hitungTotalBayar(Integer bayar) {

        if(bayar<=500_000){
            //
        }else if(bayar<=1_000_000){
            bayar-=bayar*3/100;
        }else if(bayar<=7_000_000){
            bayar-=bayar*5/100;
        }else if(bayar<=10_000_000){
            bayar-=bayar*7/100;
        }else{
            bayar-=bayar*9/100;
        }

        poin += bayar/10_000;
        return bayar;
    }

    @Override
    public Double hitungOngkir(Double a) {
        // TODO Auto-generated method stub
        if(a<10){
            return 0.0;
        }else{
            a=a-9;
            Integer b = (int) a.doubleValue();
            return b*1000.0;
        }
    }

    @Override
    public Integer cekSaldo() {
        // TODO Auto-generated method stub
        return saldo;
    }

    @Override
    public void deposit(Integer a) {
        saldo+=a;
    }

    @Override
    public Integer tarikTunai(Integer a) {
        saldo -= a;
        return a;
    }
}

```

MemberReguler.java

```

package id.ac.unand.fti.si.pbo;

public class MemberReguler extends Member{
    public Integer saldo=0;

    @Override
    public Integer hitungTotalBayar(Integer bayar) {
        if(bayar<=500_000){
        }else if(bayar<=1_000_000){
            bayar-=bayar*1/100;
        }else if(bayar<=7_000_000){
            bayar-=bayar*2/100;
        }else{
            bayar-=bayar*3/100;
        }
        poin += bayar/10_000;
        return bayar;
    }
}

```

MemberSilver

```

package id.ac.unand.fti.si.pbo;

public class MemberSilver extends Member {
    public Integer saldo=0;

    @Override
    public Integer hitungTotalBayar(Integer bayar) {
        if(bayar<=500_000){
        }else if(bayar<=1_000_000){
            bayar-=bayar*1/100;
        }else if(bayar<=7_000_000){
            bayar-=bayar*3/100;
        }else{
            bayar-=bayar*5/100;
        }
        poin += bayar/10_000;
        return bayar;
    }

    @Override
    public Double hitungOngkir(Double a) {
        // TODO Auto-generated method stub
        if(a<5){
            return 0.0;
        }else{
            a=a-4;
            Integer b = (int) a.doubleValue();
            return b*1500.0;
        }
    }
}

```