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Práctica 1

MAIN

```
package com.szs.practical1;

public class mainFile {

    public static void main(String[] args){

        DepositAccount account = new DepositAccount( theNumber: 23.4, theBalance: 45.6, theInterestRate: 56.7);

        DeptAccount debt1 = new DeptAccount( theNumber: 32.5, theBalance: 55.9, debt: 88.8);

        System.out.println("El valor del balance es: " + account.getTheBalance());

        System.out.println("La deuda es de: " + debt1.getDebt());

        debt1.getPaymentLimitDay();

    }

}
```

CLASE PADRE

```
package com.szs.practical1;

public class Account {

    private double theNumber;
    private double theBalance;

    Account(double theNumber, double theBalance) { this.theNumber = theNumber; this.theBalance = theBalance; }

    public double getTheBalance(){ return this.theBalance; }

    public void credit(){ System.out.println("Inside Credit"); }
    public void debit(){ System.out.println("Inside debit"); }

}
```

CLASE HIJA

```
package com.szs.practical;

public class CurrentAccount extends Account{

    CurrentAccount(double theNumber, double theBalance, double theOverdraftLimit){

        super(theNumber, theBalance);
        this.theOverdraftLimit = theOverdraftLimit;
    }

    private double theOverdraftLimit;

    public double getOverdraftLimit(){ return this.theOverdraftLimit; }
}
```

CLASE HIJA

```
package com.szs.practical;

// La palabra extends hereda la clase de la Account
public class DepositAccount extends Account{

    private double theInterestRate;

    DepositAccount(double theNumber, double theBalance, double theInterestRate){

        // La palabra super llama al constructor de la clase padre
        super(theNumber, theBalance);
        this.theInterestRate = theInterestRate;
    }
}
```

CLASE HIJA

```
package com.szs.practica1;

public class DeptAccount extends Account{

    private double debt;

    DeptAccount(double theNumber, double theBalance, double debt){
        super(theNumber, theBalance);
        this.debt = debt;
    }

    public double getDebt(){ return this.debt; }
    public void getPaymentLimitDay(){ System.out.println("La deaduad ebe de ser pagada antes del 20 de enero del 2022"); }
}
```

SALIDA

```
El valor del balance es: 45.6
La deuda es de: 88.8
La deaduad ebe de ser pagada antes del 20 de enero del 2022

Process finished with exit code 0
|
```