Module 6 Assignment Results Document

Program Listings: (bypassing header comments to save space)

Division.java:

package *module6*;

*public* *abstract* *class* Division {

*protected* String divisionName;

*protected* int accountNumber;

*public* Division(String divisionName, int accountNumber) {

        this.*divisionName* = divisionName;

        this.*accountNumber* = accountNumber;

    }

*public* *abstract* void display(); //*Abstract display Method*

}

InternationalDivision.java:

package *module6*;

*public* *class* InternationalDivision *extends* Division {

*private* String country;

*private* String language;

*public* InternationalDivision(String divisionName, int accountNumber, String country, String language) {

        super(divisionName, accountNumber);

        this.*country* = country;

        this.*language* = language;

    }

    @Override

*public* void display() {

        System.*out*.println("International Division: " + divisionName);

        System.*out*.println("Account Number: " + accountNumber);

        System.*out*.println("Country: " + country);

        System.*out*.println("Language: " + language);

    }

}

DomesticDivision.java:

package *module6*;

*public* *class* DomesticDivision *extends* Division {

*private* String state;

*public* DomesticDivision(String divisionName, int accountNumber, String state) {

        super(divisionName, accountNumber);

        this.*state* = state;

    }

    @Override

*public* void display() {

        System.*out*.println("Domestic Division: " + divisionName);

        System.*out*.println("Account Number: " + accountNumber);

        System.*out*.println("State: " + state);

    }

}

UseDivision.java:

package *module6*;

*public* *class* UseDivision {

*public* *static* void main(String[] args) {

        InternationalDivision intDiv1 = new InternationalDivision("International Sales", 10110, "Germany", "German");

        InternationalDivision intDiv2 = new InternationalDivision("International Support", 11100, "Japan", "Japanese");

        DomesticDivision domDiv1 = new DomesticDivision("Domestic Sales", 420, "California");

        DomesticDivision domDiv2 = new DomesticDivision("Domestic Support", 411, "North Carolina");

        System.*out*.println("Displaying International Divisions:");

        intDiv1.display();

        intDiv2.display();

        System.*out*.println("\nDisplaying Domestic Divisions:");

        domDiv1.display();

        domDiv2.display();

    }

}

GitHub Link:

<https://github.com/erosales48/csd-405/tree/main/module6>

Example:

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Description automatically generated