Object: Drug

            Variables:

String name

                                    String uses

                                    String sideaffects

                                    int quantity                  //amount of the drug on hand

                                    int maxDose                //in milligrams

                                    float duration              //in hours

                                    String incompatible    //Sting pointer to the first item of the list which the drug is                                                                                                                  //incompatible with

boolean controlled      //whether or not it is a controlled substance (illegal or                                                        //requires prescription

                                    //precondition the variables for the drug = null

                                    //this method prompts the user for each of the values for a drug then adds drug

                                    private addDrug(){

                                    //prompts user to enter values for the new drug variables

}

//postcondition the variables = the user entered values

                                    //this method combines the variables into a single new drug object and adds the                          //new object to the database

                                    //precondition drug database contains the drugs as normal

public submit(){

drug name\*/name is a variable entered by user\*/ = new drug ();

cancel();

                                    //method then adds the other variables entered by the user to the new drug

                                    //then the method adds the drug to the database

//postcondition the drug database is updated to contain the newly added drug

//and the variables again = null

//this method cancels the creation of a new drug

//precondition variables have some values

public cancel(){

all variables = null;

}

                                    //postcondition all variables are nulled

}

public getName(){

                                    return name;

}

                                    public getUses(){

                                    return uses;

}

                                    public getSideaffects(){

                                    return sideaffects;

}

                                    public getMaxDose(){

                                    return maxDose;

}

                                    public getDuration(){

                                    return Duration;

}

                                    public isControlled(){

                                    return controlled;

}

                                    //uses a string pointer to call the list of incompatible drugs

public incompatibleWith(){

                                    return incompatible;

}