/\*\*

\* A class to represent a date.

\*/

**public** **class** SimpleDate {

int month; //instance variables

int day;

int year;

/\*\*

\* Default constructor for a SimpleDate that sets the date to 1/1/2000

\*/

**public** SimpleDate(){

month = ;

day = ;

year = ;

}

/\*\*

\* Parameterized constructor for a SimpleDate

\* **@param** aMonth month

\* **@param** aDay day

\* **@param** yr year

\*/

**public** SimpleDate(int aMonth, int aDay, int yr){

;

;

;

}

//accessor methods

/\*\*

\* Returns the month of this SimpleDate

\* **@return** int

\*/

**public**  getMonth(){

**return** month;

}

/\*\*

\* Returns the day for this SimpleDate

\* **@return** int

\*/

**public** int getDay(){

**return** ;

}

/\*\*

\* Returns the year of this SimpleDate

\* **@return** int

\*/

**public** int (){

**return** year;

}

//mutator methods

/\*\*

\* Sets the month of the SimpleDate

\* **@param** aMonth a SimpleDate month

\* **@throws** IllegalArgumentException invalid month arguments

\*/

**public** **void** setMonth( aMonth){

**if**(aMonth < 1 || aMonth > 12){

**throw** **new** ("Invalid month");

}

= aMonth;

}

/\*\*

\* Sets the day of the SimpleDate

\* **@param** aDay an day name

\* **@throws** IllegalArgumentException invalid day arguments

\*/

**public** **void** setDay(int aDay){

**if**( < ||  > ){

**throw** **new** IllegalArgumentException("Invalid day");

}

day = ;

}

/\*\*

\* Sets the year of the SimpleDate

\* **@param** newYear an year name

\* **@throws** IllegalArgumentException year arguments less than 1

\*/

**public**  setYear(int ){

**if**(aYear < 1){

**throw** **new** IllegalArgumentException("Invalid year");

}

= ;

}

/\*

\* @return The month, day, and year information for this SimpleDate

\*/

**public** toString() {

output;

output = "\nSimpleDate: " + month + "\\"+ day;

output "\\"+ year + "\n";

output;

}

}