Work on this lab with a new partner: someone with whom you have not yet worked.

Write the code for the lab below and each partner must upload the zipped src folder to the learning hub (learn.bcit.ca 🡪 Activities 🡪 Assignments 🡪 Lab1b) before the start of lesson 2.

Include your full name and your partner’s full name at the top of each file, using a Java Javadoc   
/\*\* @author \*/ tag (for example: /\*\* @author Paul Mills and Jason Harrison \*/).

Create a Java class with the following properties and methods:

**Date class:**

The class and file names are both Date.

**Properties:**

* **Year e.g. 2021**
* **Month e.g. 12**
* **Day e.g. 25**

**Methods:**

* **getYyMmDd() e.g. returns “2021-12-25”; hint: return “” + year + “-“ + month + “-“ + day;**
* **accessor and mutator methods (aka getters and setters) e.g. returns 2021, etc**

**Name class:**

The class and file names are both Name.

**Properties:**

* **First e.g. Tiger**
* **Last e.g. Woods**

**Methods:**

* **getFullName() e.g. returns “Tiger Woods”**
* **getInitials() e.g. returns “T.W.” hint: return first.toUpperCase().charAt(0) + “.” …**
* **accessor and mutator methods (aka getters and setters) e.g. returns “Tiger”; returns “Woods”**

**Student class:**

The class and file names are both Student.

**Properties:**

* Name (a Name object)
* Student number (String)
* Date of birth (a Date object)
* Graduated (a boolean)

**Accessor and Mutator (aka Getter and Setter) Methods:**

* getName() (returns the entire Name object)
* getStudentNumber()
* getDateOfBirth() (returns the entire Date object)
* isGraduated()

**Main class:**

The class and file names are both Main.

Contains the main method, which creates two Student Objects as follows:

Name: Tiger Woods

Born: December 30, 1975

Student Number: A00123456

Graduated: true

And

Name: Bill Gates

Born: October 28, 1955

Student Number: A00987654

Graduated: false

Then print that student’s information by calling the appropriate methods so it’s in the format of:

Tiger Woods (T.W.) (st # A00123456) was born on 1975-12-30. The student has graduated.

and

Bill Gates (B.G.) (st # A00987654) was born on 1955-10-28. The student has not graduated.