HW 2: Classes in practice

- Program 1: Create BankAccount Class
- Requirements:
  - BankAccount Class:
    - private attributes accountNumber, balance, and Customer
      - a Customer object should be required in the constructor
    - implement public methods: deposit, withdraw, getBalance, toString
      - most Classes implement toString. This should return a string of all the details of a Bank Account including its customer and balance.
  - Customer Class:
    - private attributes firstName, lastName, dateOfBirth
    - implement public methods: getFullName, getDateOfBirth
    - bonus: can you implement dateOfBirth using the Date class? (slide 4)

HW 2: Classes in practice

- Program 2: Students and Courses
- Requirements:
    - Course Class:
        - private attributes courseName, list of students.
            - the constructor should require courseName and initialize an empty list of students
        - public methods: addStudent(), removeStudent(), toString()
            - toString() should return the string name and a list of all students
    - Student Class:
        - private attributes firstName, lastName, studentId
        - public methods getFullName(), getStudentId()