Student Register

Objective:

In this exercise, you'll design a `Student` **class** and use an **array** to store and display information for 5 students. You will also determine whether each student has **passed** or **failed** based on their **GPA**.

Instructions:

1. Define the `Student` Class

Create a class named `Student` with the following attributes:

```java
public class Student {
    String number;
    String firstName;
    String lastName;
    String midName;
    String dob;          // Date of birth
    String department;
    double GPA;          // Grade Point Average

    // Display method to print student information
    public void displayInfo() {}
}
```

2. Create 5 Students in `main`

In your `main()` method, do the following:

1. Create **5 `Student` objects**.

2. Store them in a `Student[]` **array**.

3. Assign at least **one student** a GPA **less than 2.0**.

4. Loop through the array and call `displayInfo()` on each student.

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main` Method:

```java
public class StudentRegister {
    public static void main(String[] args) {
        // create array of type studetn

        // create object object

        // Print student info and pass/fail status
    }
}
```

Output Sample

```
------------------------------
Student Number: S001
Name: Awa Musa Camara
DOB: 2003-05-12
Department: Computer Science
GPA: 3.2
Status: Pass
------------------------------
Student Number: S002
Name: Ebrima Baba Touray
DOB: 2002-11-22
Department: Mathematics
GPA: 1.9
```

```
Status: Fail
...
```

References:

[Intro to OOP](#)

Happy coding!