Sample Program 3.2

Form Letter

Problem statement. Write two different programs, each with three variables to store a student's name, the course they are taking, and the student's grade, and use these variables to complete a form letter that gets sent to console output.

Solution #1, using concatenation.

```java
public class FormLetterWithContatenation
{
  public static void main(String[] args) throws Exception
  {
    String name = "Joe Student";
    String course = "CS-101";
    char grade = 'A';

    String formLetter = "Congratulations, " + name;
    formLetter = formLetter + ". Your grade in " + course + " is ";
    formLetter = formLetter + grade + '.';

    System.out.println(formLetter);
  }
}
```

Solution #2, without concatenation.

```java
public class FormLetterWithoutContatenation
{
  public static void main(String[] args) throws Exception
  {
    String name = "Joe Student";
    String course = "CS-101";
    char grade = 'A';

    System.out.print("Congratulations, " + name);
    System.out.print(". Your grade in " + course + " is ");
    System.out.println(grade + ".");
  }
}
```