Your homework assignments account for 10% of your final course grade. This is the first of 6 assignments, and it is worth 100 points. The rubric is at the end of this file. This assignment covers `main` and `println`. The single coding task for this assignment is very straight-forward and is very similar to the first lab.

A reminder: check the course web page for TA office hours. If you need help, see a TA or see Tatiana during her office hours, or get help from her via email.

 What to hand in:

 For the programming question, upload **.java** file to your Canvas account (**don't upload .code file**). The rubric has been posted to the course website.

Programming Task – 100 points

This programming task is very, very similar to the code that you wrote, compiled, and executed in the first lab. Refer to that lab for clues. Look over the lecture slides for significant hints as well. The goal of this programming task is for you to gain more practice in writing java code and using jGRASP.

1.   Create the folder **HW1** in your **cs110Submissions** folder on your CWU N drive or your home computer. Use that location to work on your code. However, the final submission should be in Canvas (see step 7).

2.   Use jGRASP and create a new java file, and name it *TodayIs.java*. Save it in your **HW1** folder.

3.   As was shown and discussed in lecture, the structure of your java files for the first part of CS110 should follow the same pattern, namely:

```
public class TodayIs {

      public static void main (String args[]){
          // your code goes here
      }
}
```

4.   Add comments throughout your code. For example, be sure to include your name and date in a comment at the top of your java file, as was shown in the *HelloWorld.java* code in lab 1.

5.   Inside of the `main` routine in your java file, declare two variables. Both should be of type *int* (integer); you decide the names for the variables:

 •   The first variable should hold an integer that represents what day of the month is today (8 is used in the example below, but you can change it).
 •   The second variable should hold an integer that represents the month of the year for October.

After declaring the two variables, invoke the `println` method three times:

- The argument for the first `println` method should be the words "`The month is October`".

- The argument for the second `println` method should be the words "`October is month number` " with the value stored in the second variable appended to it.

- *T*he argument to the third `println` should be the words "`Today is the` " with the value of the first variable appended to it and "`th day of the month.` " further appended to it.

6. Compile your program. If your code has syntax errors, fix them until your program compiles. The goal output of your program is the following:

```
The month is October
October is month number 10
Today is the 8 th day of the month
```

7. Upload your **.java file** to Canvas; an assignment has been created especially for it.

RUBRIC

Item	Points Available
1. code is commented, along with your name and date at the top of the java file, code is **properly formatted (see "Java code formatting dos and don'ts")**	25
2. variables declared and initialized	20
3. uses of *println*	15
4. 3rd *println* has 3 components	15
5. program compiles and has correct output, directions are followed	25
Total	**100**