

## Week 3

Since it's valentine's day, I'll let you guys pick your teams. As always your team size should be 3 people, and if you can't find a team let us know.

This activity will consist of a simple puzzle that requires you to evaluate some math and boolean expressions. **Trace the code by hand!**

```
public class Week3 {
    public static void main(String[] args) {
        String message = "", currentMonth = "February";
        boolean isTomatoAVegetable = false, isValentinesDay = true;
        if (!currentMonth.equals("February")) {
            message = message + "456268";
        } else {
            message = message + "486170";
        }
        if (true && (false || (12-6/2*3 > 2 && 0 == 0))) {
            message = message + "707920";
        } else {
            message = message + "737220";
        }
        if ((7+7/7*7-7 == 0) || (1952 % 3 == 0)) {
            message = message + "576E6B";
        } else {
            message = message + "56616C";
        }
        if (isTomatoAVegetable == !true && !isTomatoAVegetable == true) {
            message = message + "656E74";
        } else {
            message = message + "6B6E7A";
        }
        if (!true || true && !false || !true && !false) {
            message = message + "696E65";
        } else {
            message = message + "656F61";
        }
        if (!isValentinesDay) {
            message = message + "26633F";
        } else {
            message = message + "277321";
        }
        System.out.print(message);
    }
}
```

To decode the message string you generated, go the following link <https://goo.gl/nD2qRN>.