

## AP COMPUTER SCIENCE A – HOMEWORK #1

Write a class `Homework1` which does the following:

- 1) Uses `for` loops to initialize a 5 by 2 array `int [][] a` to

$$\begin{bmatrix} 0 & 1 \\ 2 & 3 \\ 4 & 5 \\ 6 & 7 \\ 8 & 9 \end{bmatrix}.$$

- 2) Prints out the array `a` using `for` loops, `Strings`, the `String` operators `+` and `+=`, and `Integer.toString` statements. Your program should have at most one `System.out.println` statement. The output of your code should look very similar to

```
a[0][0] = 0    a[0][1] = 1
a[1][0] = 2    a[1][1] = 3
a[2][0] = 4    a[2][1] = 5
a[3][0] = 6    a[3][1] = 7
a[4][0] = 8    a[4][1] = 9
```

Submit your file `Homework1.java` electronically on Google Classroom.