

# AP Computer Science

## CodingBat Assignments 1<sup>st</sup> Semester

Programming skills come from practice...and since we do much of our programming in class, we really do not get the required practice to become quick at what we do. I would like all of you to become “naturals” with programming in the Java language (or any language for that matter), so I am assigning some “method practice” through the CodingBat website.

This needs to be done only once so that I can monitor how much you have accomplished.

- 1) Go to the website: <https://codingbat.com/java>
- 2) Create an account by clicking on the **create account** link at the top of the page. Please enter your e-mail address, password, and your name (even though it says it is optional...otherwise I cannot give you credit for your work)
- 3) After your account has been created, go back to <https://codingbat.com/java> and click on **preferences**. In the *Teacher Share* box, please enter my e-mail address: [mefram@husd.com](mailto:mefram@husd.com)
- 4) Now you are ready to try out some of these problems. When you complete a method, I will be notified and I can give you credit. The assignments are listed below.

Week of	Complete the following	Due date (midnight)
10/3 – 10/7	Any 3 of the methods in the <b>Warmup</b> category (note: Solutions are available to get you started...but you should try to figure it out before looking at the solution)	10/8
10/10 – 10/14	Any 3 of the methods in the <b>Logic1</b> category	10/15
10/17 – 10/21	Any 3 of the methods in the <b>Logic1</b> category (not yet complete)	10/22
10/24 – 10/18	Any 3 of the methods in the <b>Logic1</b> category (not yet complete)	10/19
10/31 – 11/4	Any 2 of the methods in the <b>Logic2</b> category	11/5
11/7 – 11/11	Any 2 of the <b>Logic2</b> category (not yet complete)	11/12
11/14 – 11/18	Any 2 of the <b>Logic2</b> category (not yet complete)	11/19
11/28 – 12/2	Any 3 of the <b>String1</b> category	12/3
12/5 – 12/9	Any 3 of the <b>String1</b> category (not yet complete)	12/10

**These will be counted in the Programs category of your grade as well as the homework part of your grade...so it is well worth your time to complete these in a timely manner.**

**\*\*\*\* Note: If you complete extra methods (other than those in the Warmup category), I will give some extra credit. \*\*\*\***