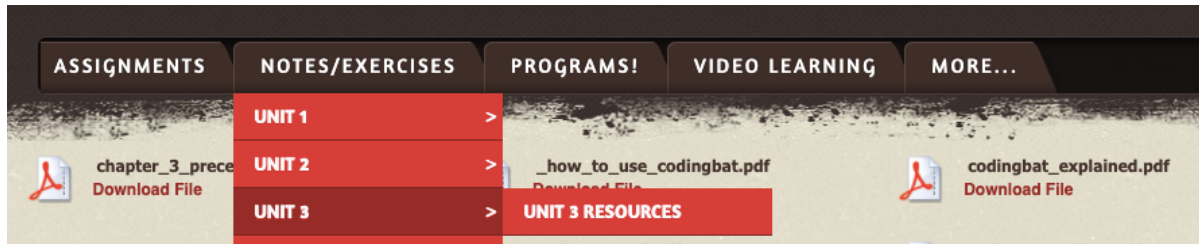# Assignments Unit 3 - The basics!
Make sure to utilize your long day well. You may need to do more than 1 day!

day 1
1. You should print out Unit 3 Notes/Exercises/Programs.
Keep the Java Quick Reference handy. Text if you get stuck at all!

2. Go to Video Learning, select the next video AP CS A Unit3 V1.
This is a short vid about how Java compiles and runs.
Take notes on page 0 of Unit 3 Notes P1.

3. Go to Video Learning, select the next video AP CS A Unit3 V2.
You will learn about comments and errors in java.
Take notes on page 1. When you have completed this, request
DO and check Exer Unit3 1-2. Request Exit Quiz 3.0 from me.

day 2
Start on Unit 3 Notes P1 page 2. Watch video AP CS A Unit3 V3.
Once you have finished do exercises 3-19. Check your exercises.
Do programs 1 and 2. //include comments in prog1. Please
send me a Screenshot. Last, request Exit Quiz 3.1 from me.

day 3
Start on Unit 3 Notes P1 page 3. Watch video AP CS A Unit3 V4.
Once you have finished do exercises 20-33. Check your exercises.
Then, request Exit Quiz 3.2 from me.

day 4
Start on Unit 3 Notes P1 page 4. Watch video AP CS A Unit3 V5.
Once you have finished do exercises 20-33. Check your exercises.
Do exercises 34 to end. Do programs 3-6. There is help with
program 4 next to the programs themselves on my website. Please
know that this is the time when we have to begin to think / plan
carefully in order to write programs. If the problem does not
provide test cases, write your own. It is part of the art of coding.
As always text me or work with a partner when you get stuck!!
Expect to show whomever helps your planning phase not just your
code. (use minutes of 2, 9,and 10 for program 5)

day 5
Start on Unit3 p2 Notes. This includes all practice as well.
Watch video AP CS A Unit3 V6 and take notes. Stop as told
to do practice. After you are done try and do program #7.
Request exit quiz 3.3 from me.

day 6   type in practiceit.cs.washington in your browser. You will need to get an account to practice here. Select the top option Building Java Programs 5th Edition. Do SelfCheck 2.1,2.2, 2.3 and 2.5. (NOTE: 2.5 requires you to show answers in double quotes.) What we are doing here is trying to fail so that we learn java via mistakes. RequestUnit 3 Quiz from me. It is 10 questions MC only.

day 7   Go to Unit3 Resources by hovering over Notes/Exer Unit 3 as below

Read how to use codingbat. Sign up as directed. Also review "codingbat explained" as it details what various parts mean when you are looking at codingbat problems.
Please attempt under topic WarmUp: sumDouble, nearHundred, diff21, in1020, and or35. Feel free to work on this site often! This really improves our coding!! Note: there is a "show solution" button to the right of the "GO" button but only utilize it after you have attempted many times on your own.

day 8   Finish programs3 8 and 9. Do 5 codingbat from Strings1 and 5 from WarmUp. Write me an email and tell me you are done so I can check you off in my gradebook. Feel free to work ahead if you have time.

day 9   Test Prep Day - If you are not caught up with all your programs work on those. in addition I will send you a practice test. If you have extra time, spend it doing codingbat from Strings1 and warmUp. Our goal is to finish as much of codingbat during the year as possible.

day 10   Test day. If we are not all caught up we can wait a day.