[Software development process](http://en.wikipedia.org/wiki/Software_development_process" \t "/home/justin/Documents\\x/_blank)

1. What is a life-cycle model?
   1. **A general process that dictates how software development is undertaken. Many companies have their own models.**
2. What are the five basic phases of the waterfall model and what general tasks are done in each one?
   1. **Requirements**- List all the requirements for the piece of software, what it should do, what it should accomplish, how should it be done, language requirements...
   2. **Design**- draw out, design structures, modeling objects needed, software higher level architecture
   3. **Implementation**- Coding resulting in actual software
   4. **Verification**- Test Driven Development, debugging, etc...
   5. **Maintenance**- Add minor features, tweak things,
3. Compare and contrast the waterfall, prototyping and spiral models.
   1. **Waterfall- Compare:** They are all models that describe software development processes. **Contrast:** Unlike Spiral and Prototyping method, this uses a top down approach.
   2. **Prototyping- Compare:** They are all models that describe software development processes. **Contrast:** Unlike Spiral and Waterfall, protoyping uses a bottom up approach. You build a basic model, and tweak it into what you want.
   3. **Spiral- Compare:** They are all models that describe software development processes. **Contrast:** This model is a combination of both Waterfall and Prototyping methods.
4. Which of the software development models listed in the article best describes your personal development habits? Could it be the “Code and fix” model?!
   1. **My personal development habits, are mostly prototyping method. That is I build from the ground up,by making a prototype with features missing, and “fill in the blanks” from there.**

[Constructive and Destructive Group Behaviors](https://cs.calvin.edu/courses/cs/262/kvlinden/references/groupBehaviors.html" \t "/home/justin/Documents\\x/_blank):

1. Consider which strengths and weaknesses you bring to the group.
   1. I am very Good with Android.
   2. I am not a good listener to listen, I listen to respond.
2. How can you accentuate your positive impact on the group and eliminate your negative impact?
   1. **I can aid people when they stumble upon something they dont understand, but to do this I will force myself to wait till I fully understand their point.**
3. Is conflict acceptable or even desirable on teams? Consider this video from the Harvard Business Review discussing this issue: [Get Comfortable with Team Conflict](http://blogs.hbr.org/video/2012/07/get-comfortable-with-team-conf.html" \t "/home/justin/Documents\\x/_blank) (3 minutes).
   1. **Yes it’s desirable, because it weeds out the people who are holding the team back, and the problem people may have with each other.**

Project Management Tools

Trello

* 1. Review this background information on [Trello](https://en.wikipedia.org/wiki/Trello" \t "/home/justin/Documents\\x/_blank).
     1. What is Kan Ban and how does it relate to Trello?
        1. It aims to visually display progress, the kanban process is to move a taks form left to right on the board, from to do to done.
     2. Is Trello tailored for software development?
        1. Yes becuase it allows you to track the time it takes to do indivual tasks, and it lets you add more tasks or modify tasks.

3. Review [Plus for Trello](http://www.plusfortrello.com/" \t "/home/justin/Documents\\x/_blank), a Chrome extension (and Android app) that adds work-hour-tracking to Trello.

* + 1. Of what value is estimating the time it will take to do a task?
       1. It gives you a idea of how much total work it will take to create.
    2. What is a burn-down chart?
       1. Work remaining vs. Time

Slack

* 1. Read this [Slack features page](https://slack.com/is" \t "/home/justin/Documents\\x/_blank).
     1. Compare and contrast Slack with: Trello and traditional email.
        1. Slack is like a consolidated email, with topics. If you were to console all emails to a person in one chain, and label it something that is what its called. With Trello its like single target email.

Android

[1.2: Layouts, Views and Resources](https://google-developer-training.gitbooks.io/android-developer-fundamentals-course-concepts/content/en/Unit 1/12_c_layouts,_views_and_resources.html" \t "/home/justin/Documents\\x/_blank)

* 1. What are the three components of the MVP pattern?
     1. View
     2. Presenter
     3. Model
  2. What are the basic Android layouts? When would each be useful?
     1. Strings, when you have constant string
  3. How is the Android UI layout specified?
     1. It uses layout xml.
  4. Compare and contrast dp vs sp.
     1. Sp for text size, dp for everything else

[1.3: Text and Scrolling Views](https://google-developer-training.gitbooks.io/android-developer-fundamentals-course-concepts/content/en/Unit 1/13_c_text_and_scrolling_views.html" \t "/home/justin/Documents\\x/_blank)

* 1. What is a toast? I.e., why did they name the app “Hello Toast”?
     1. Toast is a popup message .
  2. How do you make a scrolling text view?
     1. You use the scrollingView