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COEN 171 9:15 AM

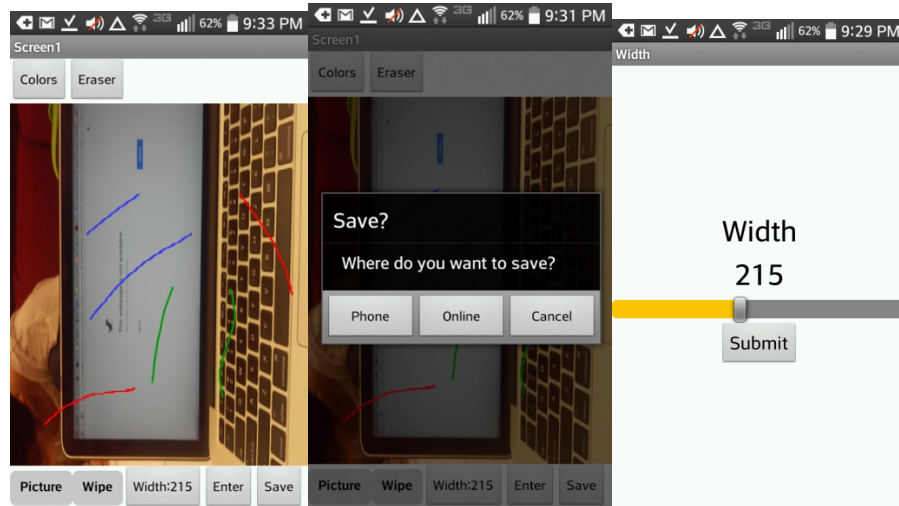COEN 171 HW 1

1) It depends how on you defined compiled languages. AppInventor interprets logic blocks into Java. Java is compiled by the computer. So as you can see, AppInventor is both a compiled language and interpreted language. Compiled languages and interpreted languages are not mutually exclusive.

2) You need to build the app in AppInventor and then run it in your phone. There's no automated cycle that allows the programmer to dynamically change the code while the program runs.

3) Yes, you can declare global variable in AppInventor.

4) Some function parameters are passed through the Control Logic block and then taken from there using the get blocks. For example, when you're passing a value from one screen to another, you can access the result when one screen closes. You can also pass parameters by declaring global variables.

5) Yes, by passing it in as a list.

6) It's hard to edit code and it seems that the shapes of the block prevent you from implementing logic in your own way. Its strength is that it already has a lot of pre-made functions for you. For example, it has a set of functions ready for the location sensor as well as the camera. Overall, it's easier to learn for beginners. But because it's both a compiled and interpreted language, it's performance is poor.