Question Topic: Spring Framework IoC

Question: Consider you are building a Mobile which has dependencies of Camera, Screen, Speaker which has-a relation.

Below is the prototype of the classes (only sample)

Class -> Mobile

Fields -> camera, speaker, screen

|  |  |  |
| --- | --- | --- |
| Class -> Screen  Fields -> len, bre | Class -> camera  Fields -> no of mg\_pixels etc., | Class -> Speaker  Fields -> vol\_levels, speaker\_type |

Create .xml files listed below for the classes

1. mobileContext.xml  - Mobile
2. screenContext.xml – Screen
3. cameraContext.xml - Camera
4. speakerContext.xml – Speaker

Create a App.java file which will load the mobile class

**Note:** Make sure to use auto wire.