This is the solution to the written test for Bongo's Android Developer position by *Shitab Mushfiq-ul Islam.*

1) You will find the function that detects anagrams in GitHub link:
   https://github.com/shitab14/CodingGround/tree/master/src/anagramfinder
   The function is named **findAnagram(**String s1, String s2**)** which returns a Boolean value.

2) The design pattern used in the test question 2 is using an interface Vehicle that will be implemented by **car** class and **plane** class.
   a) In this GitHub link:
      https://github.com/shitab14/CodingGround/tree/master/src/designpatternInterface
      the given interface has been implemented by car class and plane class.
   b) I have used Abstract class (Abstraction) as a different design pattern for similar results as the previously implemented code.
      GitHub Link:
      https://github.com/shitab14/CodingGround/tree/master/src/designpatternAbstraction

3) GitHub Link: https://github.com/shitab14/VideoPlayerDemo
   This is the video player/ streaming application with 'Play', 'Forward', and 'Rewind' functionalities.
   As design pattern for the player, I have used the default MediaController for the 'Play', 'Forward' and 'Rewind' functionalities. This is a default object given for VideoView to use, customizable yet lightweight in aspect of memory, and reduces code, time and effort.
   Although it is the best if MediaController is custom made for streaming businesses such as Netflix or Amazon Prime content but in this project, I have demonstrated an easy practice.
   (This app streams a video content from my Git server which will use Internet on your Android Device. You will find the apk of the app in APK folder in the given link.)