**Photos Challenge:-**

We need to create a Recyclerview that presents the movie's photos as a list using Flickr APIs. When a user clicks on any photo, it should display it on a full screen page.

**Requirements:**

* You should support pagination.
* You should support caching.
* You should add an Ad Banner image every five photos. (Attached)

**Flickr APIs**

You should use Photos.Search API request as the following:



A Response with a JSON list of the Flickr Picture Model should return. You should generate photos URLs using the following schema:

http://farm​{farm}​.static.flickr.com/​{server}​/​{id}​\_​{secret}​.jpg

{

                "id": "50397567507",

                "owner": "127728062@N04",

                "secret": "855de8e6a9",

                "server": "65535",

                "farm": 66,

                "title": "Stalker-Shadow-Chernobyl-ELITE-2020-002-escape",

                "ispublic": 1,

                "isfriend": 0,

                "isfamily": 0

            }

EX:- <https://farm66.static.flickr.com/65535/50397567507_855de8e6a9.jpg>

**Tips:**

* You are free to adopt any architecture you want.
* You are free to play with any UI elements and kit.
* You are free to use any libraries or third parties.
* We prefer MVVM , LiveData , Croutines ,Koin, Data binding and Room for this Task.
* Using Kotlin and Java is a plus.
* Using DataBinding
* UITest/ Unit test plus
* Connect with appcenter to deploy plus