

2. CO2 a) Design a Mobile application to get football scores from an online server. It is a two-screen app. The first Activity is a home page with a get result button and the Second Activity shows the response result. Read the full question carefully before you start:

The simpler way you handle the Application will have better results in marks. Design all the Activities and layouts created.

(All data are shown as example values to make you understand the dataset)

Press the Get Result button. Send the Request to the URL, in below format:

UrlString:

<https://mocki.io/v1/3b613eec-3061-44bb-844c-f58c217d5063>

In return you will get comma-separated result data in the following format:

Tournament, Match_Id, Match_name, TeamA, TeamB, Score

For example something like: World Cup 2022, 11, Bangladesh, Zimbabwe, 2-0

You will parse the result and show it in 2nd activity (Activity: show results, Layout: result):
Tournament (tournament): Match count (match_id): Match Title (match_name): T1 (team_a): T2 (team_b): Score (score):

You need to show all the results retrieved from the link in a tabular format.

You will need to maintain the **MVVM Architectural** pattern while developing this app. You can have an example code and article which was shared before:

<https://hellohasan.com/2020/01/22/mvvm-tutorial-in-bengali-kotlin-viewmodel-livedata-retrofit/>