

**Instructions:** This paper has two (2) questions. Answer all questions

**Submission:** Share your answer folder to github and share the link using the given link in epembelajaran

**Question 1**

1. Create new project in Android Studio
2. Insert the following widget into the view with a vertical intention in mind:
  - a. EditText 1 (hint: this is web address)
  - b. Button1
  - c. EditText2 (hint: phone Number)
  - d. Button 2
3. action when Button1 clicked
  - a. Read the text in EditText1
  - b. Create an intent so the browser will open the given address
4. action when Button2 clicked
  - a. Read the number in EditText2
  - b. Create an intent, so the phone will call the given number

## Question 2

1. Create new project in android studio
2. Create Main Activity, MainActivity View arranged vertically has the following
  - a. Textview with Text "Username"
  - b. EditText with hint "Enter your username"
  - c. Textview with Text "Password"
  - d. EditText with hint "Enter your password"
  - e. Button, named this button as submit
3. Create SecondActivity
  - a. Put a button with text logout
4. Create a SQLite database called "mydata" and create a table called "user" with the following field:
  - a. Username varchar(30)
  - b. Password varchar(30)
5. Insert into table user the following data
  - a. Username = ahmad
  - b. Password = ahmad1234
6. Edit mainActivity create function
  - a. Create if not yet exist the following
    - i. Create a SQLite database called "mydata" and create a table called "user" with the following field:
      1. Username varchar(30)
      2. Password varchar(30)
    - ii. Insert into table user the following data
      1. Username = ahmad
      2. Password = ahmad1234
  - b. Get the status data from sharedPreferences
    - i. if status in sharedPreferences is "success"
      1. create an intent and send user to SecondActivity
    - ii. else show login screen
7. Action on submit Button clicked
  - a. Check the entered username and password against the user table
    - i. If Exists
      1. stored status with value "success" into the shared preferences
      2. create and intent to show the secondActivity
8. Action on logout button clicked
  - a. Change the status value to "login"
  - b. Send user back to mainactivity!