

National University of Computer and Emerging Sciences, Lahore Campus



Course:	Software for Mobile Devices	Course Code:	CS440
Program:	BS(Computer Science)	Semester:	Fall 2019
Out Date:	Sunday-17th November 2019	Total Marks:	50
Due Date:	Friday-22nd November 2019	Weight:	
Section	CS-C	Page(s):	1
Assignment:	4(App Components)		

Instructions:

- Use Java and XML language in order to attempt this assignment in Android Studio. **DO NOT** use any templates
- Plagiarism of code will not be tolerated
- Create a **private** GitHub repository on your personal GitHub account with the name: **Rollnumber-AppComponents**, e.g, [17L-4998-AppComponents]
- Upload the link to your GitHub Repository to your Google Classroom
- In case of late submission, 25% marks will be deducted from the total score

Upload the assignment through Git, preferably using GitBash. Marks will be awarded for the submission of assignment through Git repositories. Email submissions will not be considered.

Q. You are required to create an Alarm Scheduler that sets an alarm twice, once at 1 am and once at 2 pm. You are required to allow alarm cancellation, and to start the alarm after the device restarts (using Broadcast Receiver). (50)

You can use the code given to you in the slides as a reference, but try to find better solutions, especially relating to alarm frequency in order to implement your code.

Helpful links:

1. <https://developer.android.com/reference/android/app/AlarmManager>
2. <https://developer.android.com/training/scheduling/alarms.html#type>