GIFT University, Gujranwala.
CS321 (Fall 2020): Mobile Computing
Instructor: Waqas Tariq Dar

Assignment 02 [Form Validation]
Issued Date: Saturday, Jul 31, 2021
Total Marks: 10

Average expected time for completion: 10 hours
Submission Deadline: Saturday, Aug 07, 2021 23:59:59

Instructions
Do not consult solution and descriptions with your peers; produce your own code. In case of cheating, zero marks will be awarded to student along with three absolute marks penalty. Submit your **code (.java and .xml files only)** and a **screenshot** of your final output in following file name (all capital letters) convention at google classroom.

• ROLLNO_FIRSTNAME-LASTNAME_A02.zip

For example, 70015478_WAQAS-TARIQ_A02.zip.

Problem Statement
Create a Student Registration form in Android with all required **validations**. Form fields/details are given as follows:

• Any layout (or a combination of layouts) of your choice.
• 1 EditText   => for **First Name**   [R]
• 1 EditText   => for **Last Name**   [R]
• 1 ToggleButton/Switch => for **Gender**   [R]
• 2 Radio Buttons   => for **Program** (BS or MS)   [R]
• 3 CheckBoxes   => for **Previous Education** (Fsc., BS)   [R]
    ○ If program is BS, then Fsc. Education checkbox only
    ○ If program is MS, then both education check boxes must be checked
• 1 Spinner   => for **City** (enter 5 to 6 cities in the list)[O]
• 1 Button   => for Validation check (e.g., with Validate label)

R = Required field
O = Optional field

Notes:
• Of course, all these controls will have there labels (TextView) accordingly.
• All validations **must** be performed in Java code.
• Complete help about using these controls/views is available in Chapter 5 of Head First Android Development book.
• Student with more elegant layout/design and complete validation will get full marks only.
• Students who don't follow assignment instructions will be given 0 mark.