

# **AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**

Department of Computer Science and Engineering (CSE)



**Course No:** CSE 2200

**Course Title:** Software Development III

**Semester (Session):** Fall 2021

**Student Year & Student Semester:** 2<sup>nd</sup> Year, 2<sup>nd</sup> Semester

Assignment No: 01

**Question:** Write necessary codes for the following:

You have to work with one activity. There will be a question and three options of answer to that. You have to use checkbox for the options. The following features are to be implemented:

1. If someone chooses the correct answer, you have to display in a TextView "Correct answer".
2. If someone chooses a wrong answer, you have to display in a TextView "Wrong answer".
3. If a user chooses more than one option you have to tell them that they can only choose one option using a TextView.
4. If a user does not choose any option, you have to tell them that they have to choose any option as selecting none is not acceptable using a TextView.

**\*NOTE:** Designs does not have to match the screenshots provided. You can be creative and change the UI according to your preferences.

A scenario is given below:

Suppose the question is “Who is the most honorable person in Seven kingdoms?” The options to that question are Ned Stark, Jon Arryn and Jaehaerys I Targaryen.

**Who is the most honorable person in Seven kingdoms?**

☐ Ned Stark

☐ Jon Arryn

☐ Jaehaerys I Targaryen

**CLICK**

If the user selects Ned Stark and presses CLICK button, “Correct answer” will be shown in the TextView as shown below. But, for any other options, “Wrong answer” will be displayed.

**Who is the most honorable person in Seven kingdoms?**

☒ Ned Stark

☐ Jon Arryn

☐ Jaehaerys I Targaryen

**CLICK**

*Correct answer*

**Who is the most honorable person in Seven kingdoms?**

☐ Ned Stark

☒ Jon Arryn

☐ Jaehaerys I Targaryen

**CLICK**

*Wrong answer*

**Who is the most honorable person in Seven kingdoms?**

☐ Ned Stark

☐ Jon Arryn

☒ Jaehaerys I Targaryen

**CLICK**

*Wrong answer*

Selecting more than one option or none of the options is not acceptable

**Who is the most honorable person in Seven kingdoms?**

- ☒ Ned Stark
- ☐ Jon Arryn
- ☒ Jaehaerys I Targaryen

*You can select only one option*

**CLICK**

**Who is the most honorable person in Seven kingdoms?**

- ☒ Ned Stark
- ☒ Jon Arryn
- ☐ Jaehaerys I Targaryen

*You can select only one option*

**CLICK**

**Who is the most honorable person in Seven kingdoms?**

- ☐ Ned Stark
- ☒ Jon Arryn
- ☒ Jaehaerys I Targaryen

*You can select only one option*

**CLICK**

**Who is the most honorable person in Seven kingdoms?**

- ☒ Ned Stark
- ☒ Jon Arryn
- ☒ Jaehaerys I Targaryen

*You can select only one option*

**CLICK**

**Who is the most honorable person in Seven kingdoms?**

- ☐ Ned Stark
- ☐ Jon Arryn
- ☐ Jaehaerys I Targaryen

*You have to select any option*

**CLICK**