MSc IT Semester-III

PS03CINT52   :   Mobile Application Development

Instructor(s): Dr Sonal Jain

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Question-1

Design a Mobile APP (Rolling Dice) as per instructions given below:

First Activity should include

Name of the Player

Image of Dice (default image would be any image), then image should be changed based on the number visible on dice.

Button: Every time user clicks button, dice will be rolled, i.e. new number will be generated, Image of dice will change accordingly.
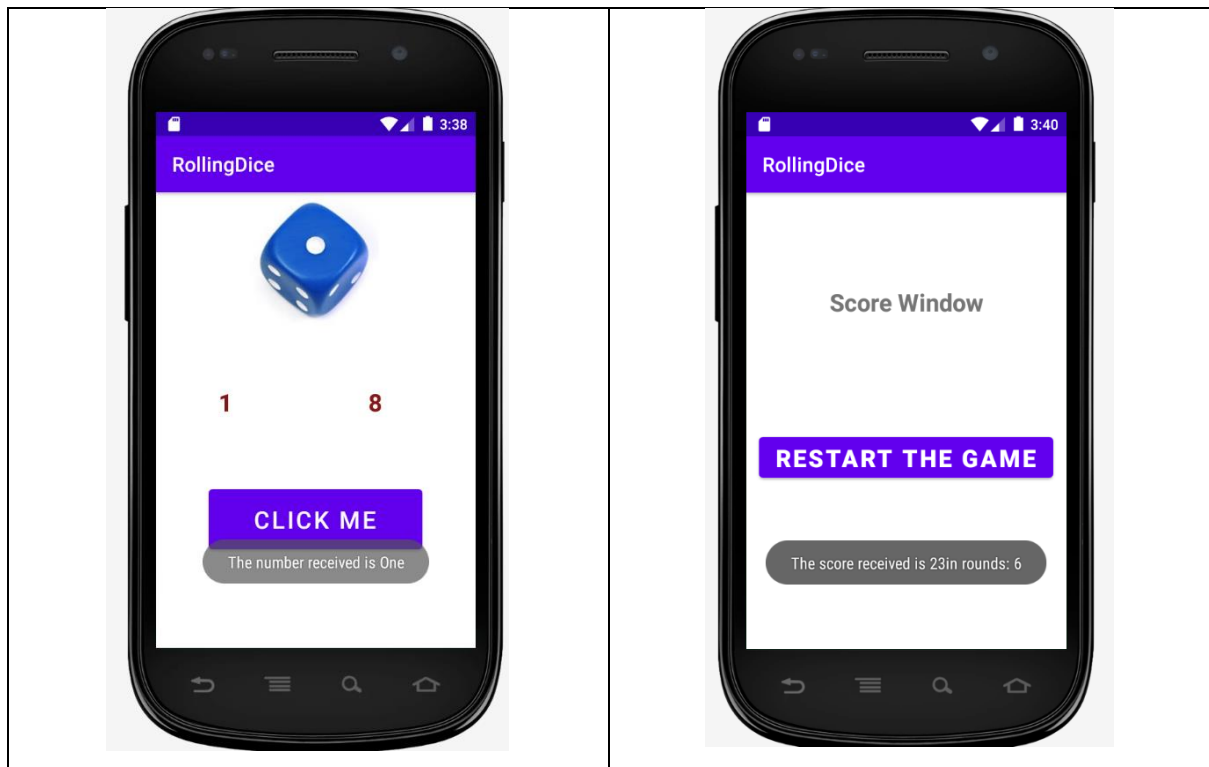
Score: Every time a dice is rolled, score should be added.

Turn: It includes number of times button is clicked to roll the dice.

Condition: As soon as score of 20 is achieved, New Activity with following message (sample) should be displayed.

Well Played, <Name of Player>, You achieved score of <22> in < 7 > rounds.

Second Activity should have option of Restarting game.

Question-2

Design an App displaying options to calculate budget for visiting different Locations.

Create a Splash Screen showing Tour Company details.

Following fields should be listed on First Activity:

- List View consisting of 5 Destinations (Only one can be selected)

- Radio button including 3 options: By Air , By Train, By Road

- Check box indicating 3 options: Breakfast, Lunch, Dinner

- Seekbar : To select number of Days for travel.

- SpinnerView to select number of persons

- Toggle Button (Yes/No) to indicate kids below 10 years accompanying.

- Switch to accept whether Internet connection required in room.

- AutoCompleteTextView to select type of car for internal destination visits.

- Submit button: Clicking on it, data should be carried forwarded to next Activity with display of following things.

Second Activity

- One image of chosen location.

- From Date and To Date

- What Time do you prefer your Dinner?

- Total costing as per calculations (you can choose your own data for calculating cost of Trip).
- Rating Bar : When user clicks on Rating bar, Feedback should be displayed with following message (sample)
  - Thank you for Rating us with ... Stars, We will remember From and To date and your dinner time.