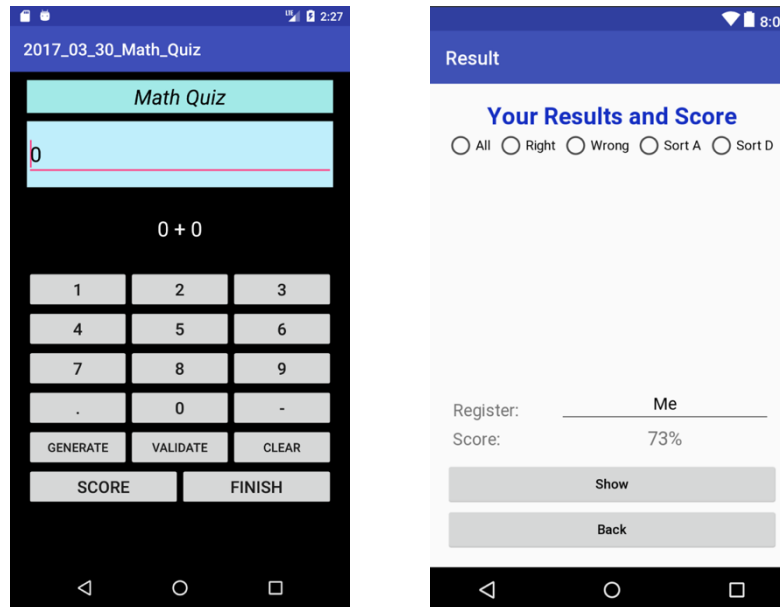# Project Draft 1.03

Project Grading Detail (Total 20)

Main Page:
- Create the following operations (buttons):
  - **Generate**: Generate random basic operations (+, -, *, /) (1 marks)
  - **Validate**: Validate user answer and show the appropriate message (right/wrong) (2 marks)
  - **Clear**: Clear the display (1 mark)
  - **Finish**: Close the app (1 mark)
  - **Score**: Go to Result page (2 marks) and show
    - all user's operations
    - right/wrong answers
    - total percentage of right and wrong answers
- Customize the buttons shapes and colors (1 mark)
- Get the answer from the user by keypad and show the user input in the display (2 marks)

Result Page:
- Add buttons in the second page to show only (At the end of the course you have to update the project to use List View):
  - All (1 mark)
  - Only Right answers (1 mark)
  - Only Wrong answers (1 mark)
  - Sort answers (Ascending/Descending) based on right/wrong answers (2 marks)
  - User should be able to register his/her name and on return to main page by Back button registered name and total score will be shown instead of "Math Quiz" in the title of the first page (2 marks)

  Pay attention to more than one floating point, negative sign in the middle of the number, divide by zero, validate without having any input from user, object-oriented design for question/answer model object and appropriate data structure. (3 marks)