FIT2081
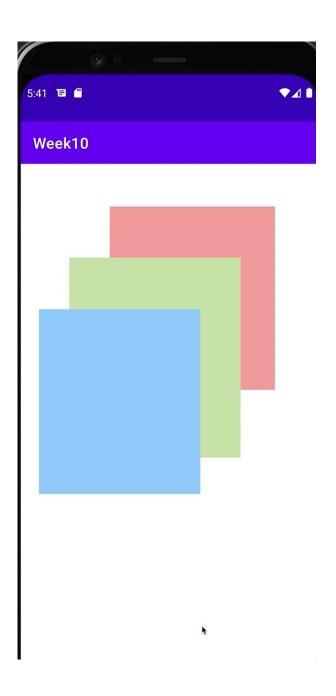# Mobile Application Development

Week 10- W/S Quiz (Malaysia)

Question 1 (5 Marks)

Suppose you have an activity with the following UI elements:
- TextView (id: view_text)
- View (id:view_green)
- View (id:view_blue)
- View (id:view_red)

Develop the controller class (ActivityMain.java) that is responsible for showing the text (in the text view) "Green", "Red", or "Blue" if a user clicks on green, red, or blue views, respectively.
The activity must show "Somewhere else" if a user clicks anywhere else.

5:41

Week10

Question 2 (5 Marks)

The following code is designed to show a toast with each Action up event. But some scenarios (runs) show nothing. Find and explain the problem, then fix it.

```java
1  view.setOnTouchListener(new View.OnTouchListener() {
2      @Override
3      public boolean onTouch(View v, MotionEvent event) {
4          boolean flag=true;
5          int action = event.getActionMasked();
6          if(action == MotionEvent.ACTION_DOWN){
7              //some code goes here
8              if (Math.random()>0.75){
9                  return false;
10             }
11         }
12         if(action == MotionEvent.ACTION_UP){
13             Toast.makeText(getApplicationContext(),"Week 10 WSQ-Q2",Toast.LENGTH_SHORT).show();
14             flag=true;
15         }
16         return flag;
17     }
18 });
```