



FIT2081 Mobile Application Development

WEEK 10

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Semester 1, 2023
Monash University Malaysia



Announcement for Week 10

- Please complete your pre-reading quiz and submit by Monday 4pm. You can find the pre-reading quiz link at moodle “assessment” section.
- You will have to complete and submit the workshop quiz which will make available after the forum by Wednesday 11.55pm.
- Please complete your lab tasks before joining your lab session. Your lab solution must be submitted to moodle by Friday 11.55pm.

Learning Outcomes for Week 10

User Interaction: Touch Gestures

- Gestures
- Touch Events

Activities and Checklist for week 10

Activity	Notes	Checked?
Study the slide “FIT2081_Week10_Malaysia” & All the reading material in the moodle	Useful to complete your lab tasks.	
Complete the pre-reading quiz	Access it from the “assessment section” in moodle. Submit by Monday 4pm.	
Attend Forum	Online, for topics wrap-up.	
Complete Workshop quiz	Workshop quiz questions will be uploaded after the Forum on Monday. Submit by Wednesday 11.55pm.	
Complete lab task	Please refer to the complete section in week 10 moodle	
Attend tutorial	OPTIONAL – if you have issue regarding the lab tasks	
Attend Lab	COMPULSORY – You have to complete the lab tasks before coming to the lab. Submit your lab tasks (including the extra task) on Friday 11.55pm	

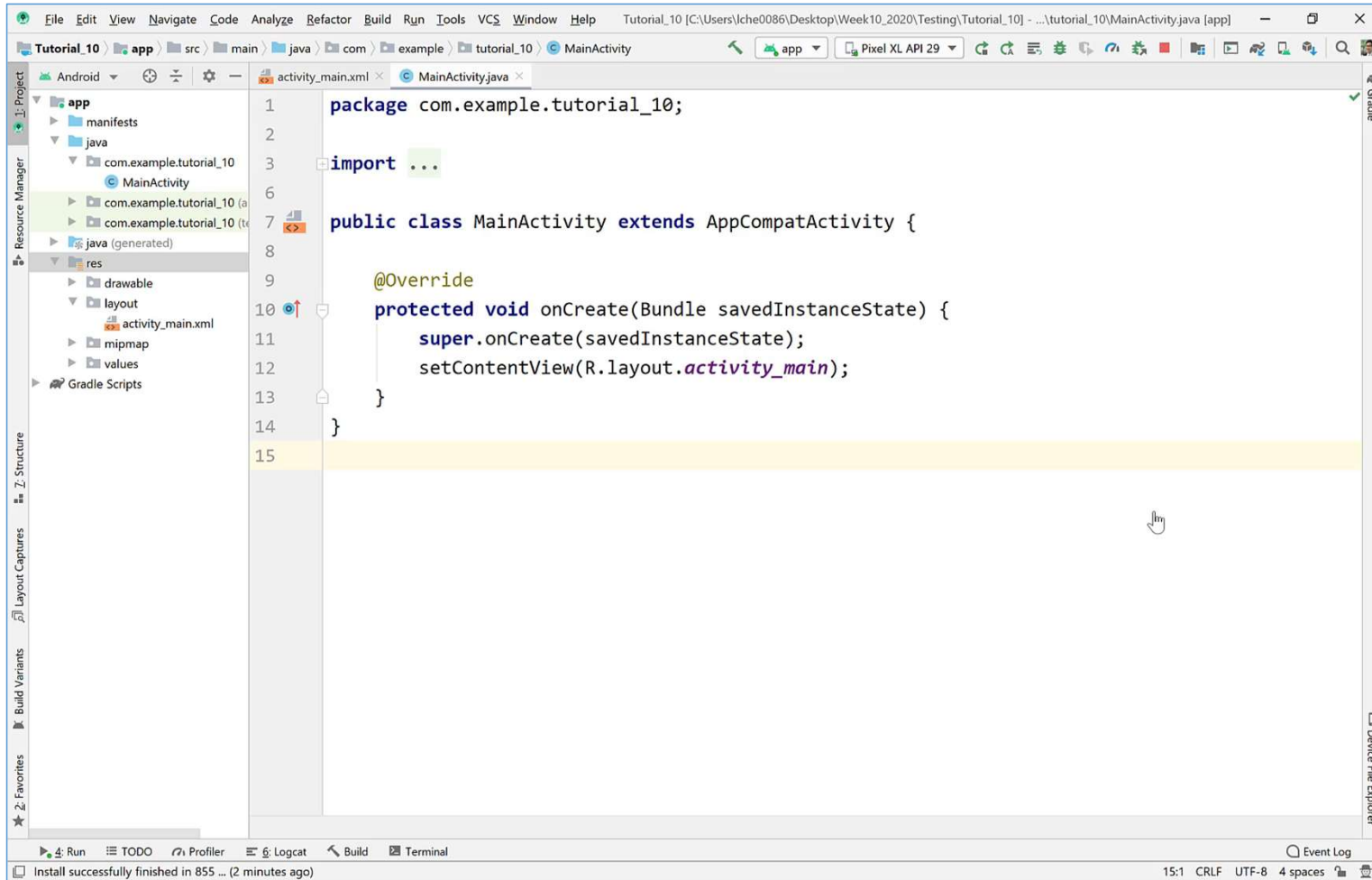
Tutorial time!



Gif retrieved from <https://gifer.com/en/KOSZ>

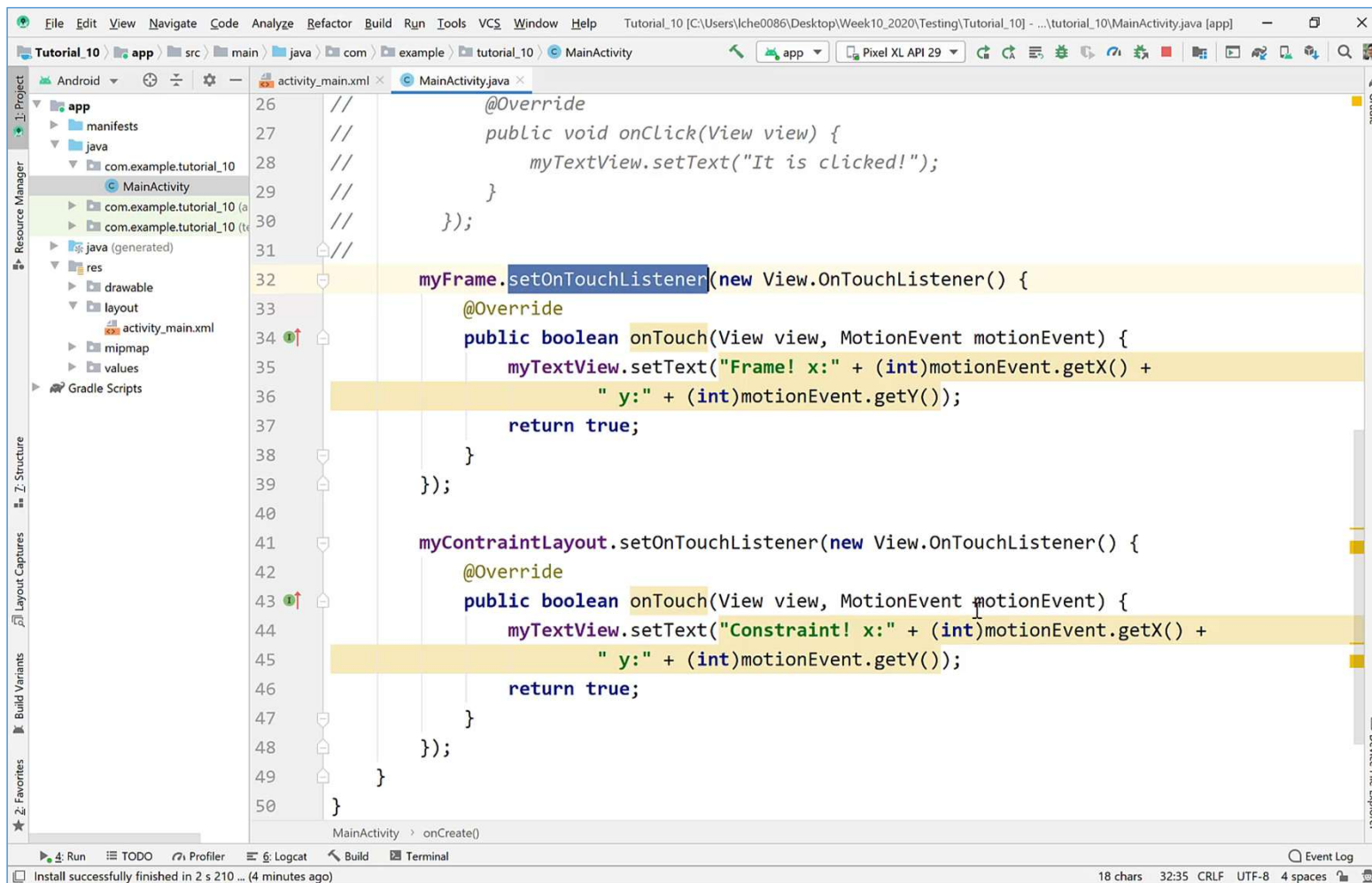
Video 1: Set onTouchListener

1) Please play the video (18 minutes 10 seconds)



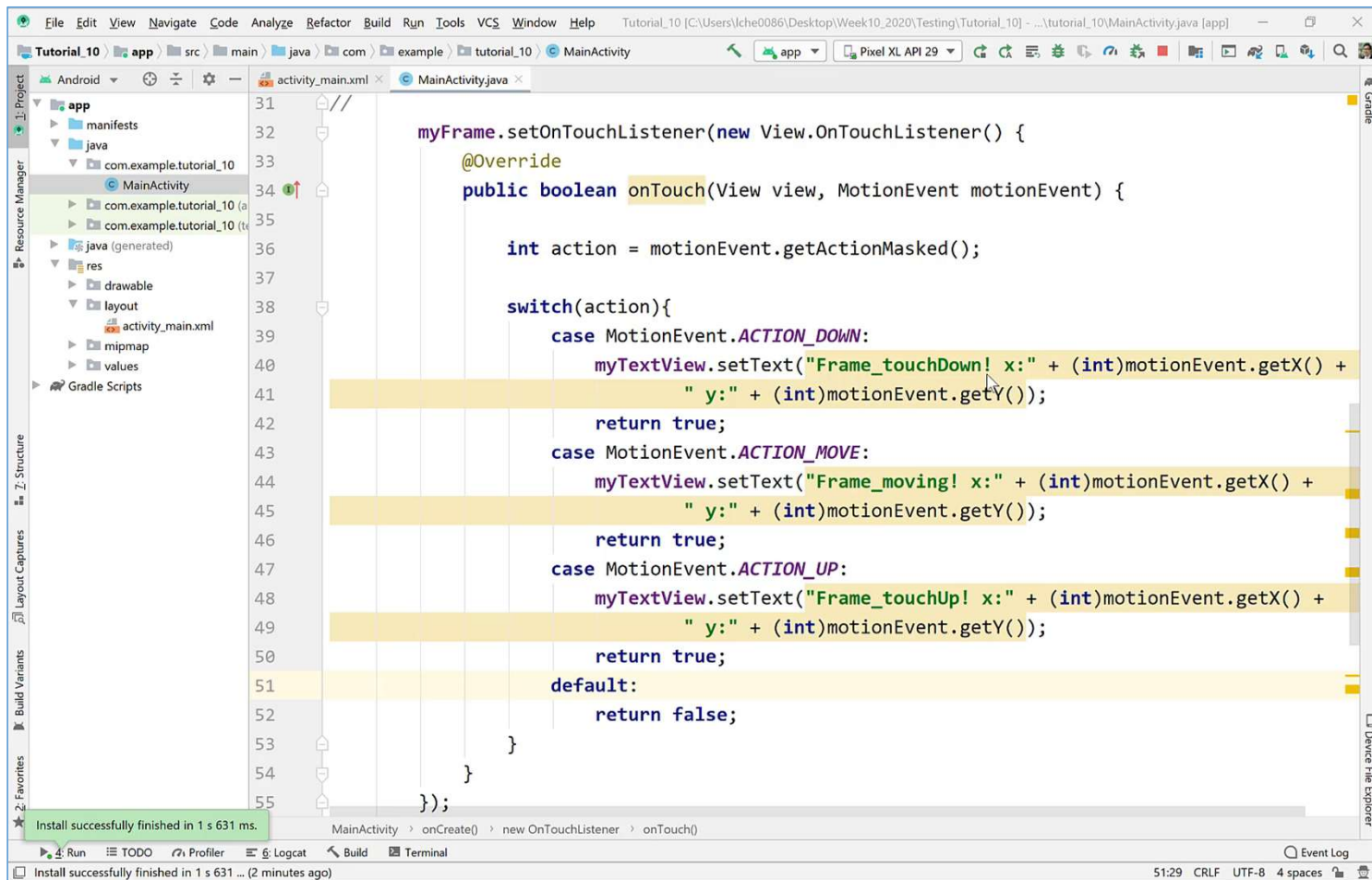
Video 2: Motion events in onTouchListener

1) Please play the video (7 minutes 47 Seconds)



Video 3: Gestures detector (Left to right and right to left)

1) Please play the video (8 minutes 15 Seconds)



Lab time!



Lab Instructions

******Be aware that using the output from AI models without appropriate acknowledgement may constitute academic misconduct.***

You must add three gestures to your Book Library application in this lab. You can allocate 25% of the activity's length for the touch events.

Task 1:

The first gesture is triggered by swiping your screen from right to left (horizontally) and is meant to add a new Book to the database.

Task 2:

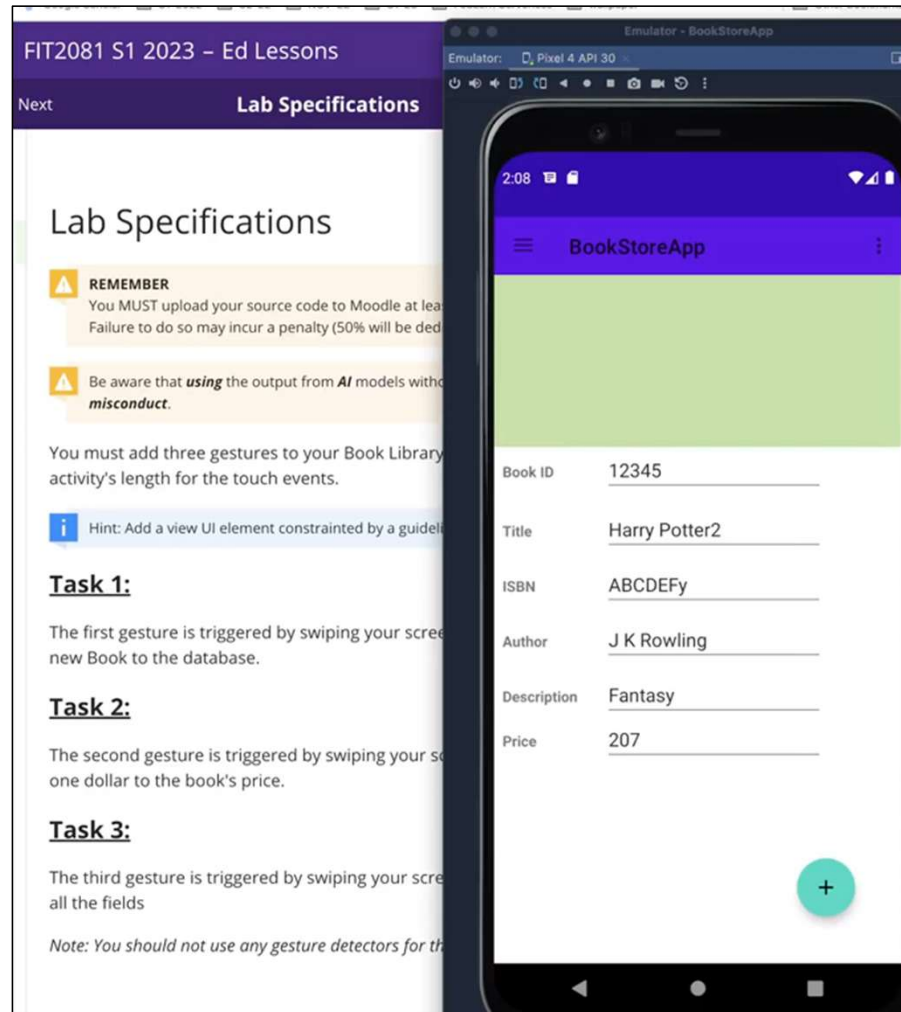
The second gesture is triggered by swiping your screen from left to right (horizontally) and is meant to add one dollar to the book's price.

Task 3:

The third gesture is triggered by swiping your screen from bottom to top (vertically) and is meant to clear all the fields

Note: You should not use any built-in gesture detectors for these tasks.

Expected Output



***Please join your tutorial class if you have any queries regarding the lab tasks.

Thank you!