Assignment 1

COMP3074 F2021

Due: October 10, 2021, end of the day

Weight: 10%

Your task is to build an Android application that satisfies the following requirements:

* Has two activities: MainActivity that implements the main functionality of the application and AboutActivity that shows your full name as per college record and student id
* The AboutActivity should be available through a menu
* A back button should appear in the ActionBar of the AboutActivity that takes user back to the MainActivity. It should be done through configuration!
* MainActivity should implement the following functionality
  + read the following input from the user:
    - number of hours worked (no\_of\_hours)
    - hourly rate (hourly\_rate)
  + calculate the pay using the following formula
    - if no of hours is less or equal than 40 then **pay=no\_of\_hours\*hourly\_rate**
    - else, **pay=(no\_of\_hours-40)\*hourly\_rate\*1.5 + 40\*hourly\_rate**
  + calculate the tax using the following formula
    - **tax=pay\*0.18**
  + present following data to the user
    - total pay
    - tax

**MARKING SCHEME:**

* AboutActivity: 1 point
* Menu implementation: 2 point
* MainActivity:
  + Input impelemntation: 2 points
  + Calculation: 3 points
  + Output implementation: 2 points

Submission:

ZPI with the project should be submitted on BlackBoard, a short 2-3 min video showing your screen in which you explain the implementation should be submitted with the zip file (as a separate file) You can use OBS software to record the screen