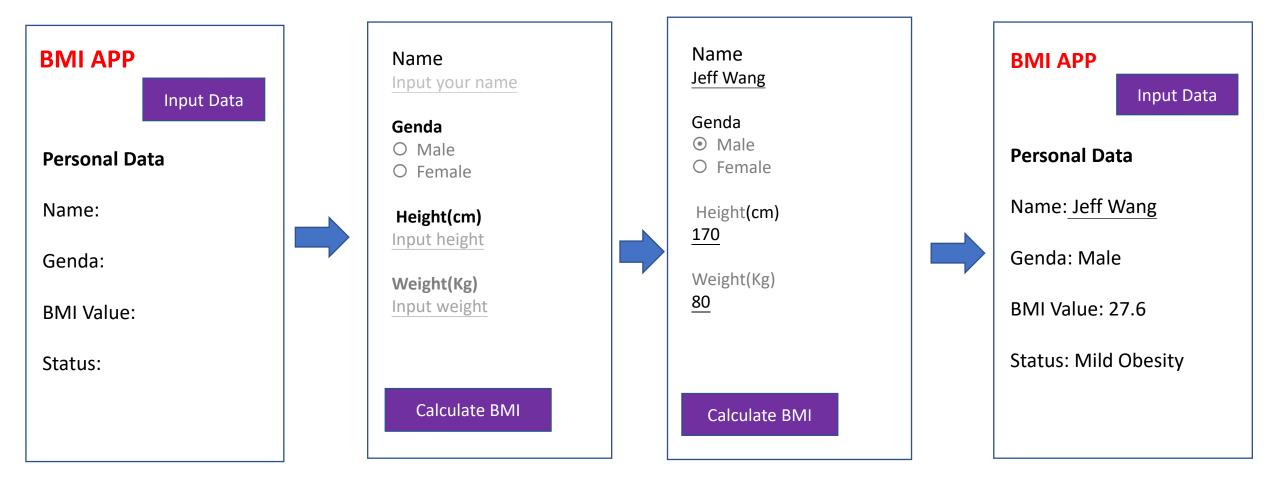
• Part I: Complete the following APP design first.



BMI = Weight(Kg) / (square of Height (m))

Formula for Healthy Status

- Underweight: BMI < 18.5
- Overweight: 24≦BMI < 27
- Mild Obesity: 27≦BMI < 30
- Moderate Obesity: 30≦BMI < 35
- Severe Obesity: BMI≥35

Part II

- Add another Button FBMI Info. | to the main of this APP
- When press FBMI Info. , use Fragments to implement the page sliding for BMI Info.
- When press 「Back Main」, switch back to Main page of BMI APP.

BMI APP

Input Data

Personal Data

Name: Jeff Wang

Genda: Male

BMI Value: 27.6

Status: Mild Obesity

BMI Info.

Back Main

BMI Info. (Page I)

The World Health Organization recommends a Body Mass Index (BMI) as a measure of obesity by dividing your weight in kilograms by your height in meters. The National Health Administration recommends that the BMI of adults in China should be maintained between 18.5 (kg/ \mbox{m}^{3}) and 24 (kg/ \mbox{m}^{3}), and being too thin, overweight or too fat will be detrimental to health.

Slide Left

Back Main

BMI Info. (Page II)

Being overweight or obese (BMI≧24) is a major risk factor for chronic diseases such as diabetes, cardiovascular disease, and malignancy

Overweight: 24≦ BMI < 27 Mild obesity: 27≦ BMI < 30 Moderate obesity: 30≤

BMI <35

Severe obesity: BMI \geq 35

Slide Right Slide Left

Back Main

BMI Info. (Page III)

For health problems such as being too thin, there will be health problems such as malnutrition, osteoporosis, and sudden death. BMI

< 18.5

Slide Right



- Submit a zip file to NTUT/ischool_plus to complete the assignment.
- The zip file should use your student ID for naming (e.g., 110318099.zip), and the zip file should contain these files:
 - 1) MainActivity.kt and FirstFragment, SecondFragment, ThirdFragment
 - 2) activity_main.xml, fragment_first.xml, fragment_second.xml, fragment_third.xml
 - 3) myVideo.mp4: A video recorded for showing the running/playing with this BMI App
- The due date of this assignment: 2024/04/27, Sat. 22:00