

LAB 01

BMI CALCULATOR

iOS App development

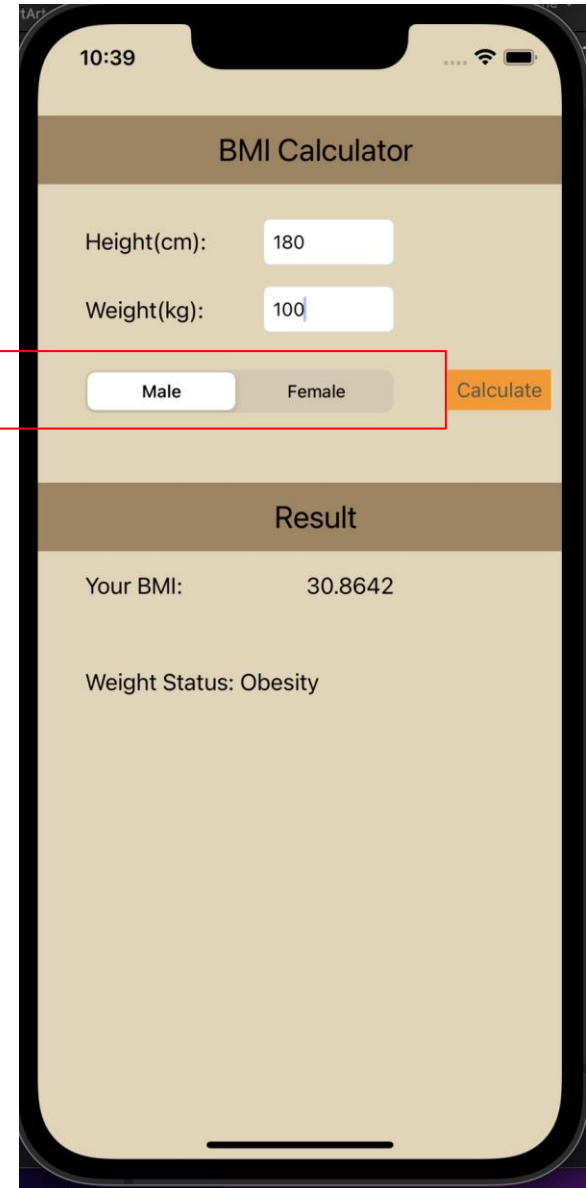
Nice BMI Calculator

- UI

- Input: Height(cm) & Weight(Kg)
- Select: Male/Female
- Button: click to calculate
- Result display: BMI, Weight Status
 - Weight status (see next page)

- You will show different weight status for male and female
 - For Male: Use the table on next page
 - For Female: if her BMI is larger than normal (24.9), then shows the result as below instead
 - Weight Status: it's a secret

新增
性別選擇



BMI值計算公式： $BMI = \text{體重(公斤)} / \text{身高}^2(\text{公尺}^2)$

例如：一個52公斤的人，身高是155公分，則BMI為：

$$52(\text{公斤}) / 1.55^2 (\text{公尺}^2) = 21.6$$

體重正常範圍為 **BMI=18.5~24**

快看看自己的BMI是否在理想範圍吧!

身 高: cm

體 重: kg

你的BMI為

	身體質量指數(BMI) (kg/m ²)	腰圍 (cm)
體重過輕	BMI < 18.5	-
正常範圍	18.5 ≤ BMI < 24	-
異常範圍	過重：24 ≤ BMI < 27 輕度肥胖：27 ≤ BMI < 30 中度肥胖：30 ≤ BMI < 35 重度肥胖：BMI ≥ 35	男性：≥ 90公分 女性：≥ 80公分

- Gender select:
 - Use **Segmented Control**



- 範例參考:
 - <https://www.ioscreator.com/tutorials/segmented-control-ios-tutorial>

BMI	WEIGHT STATUS
Below 18.5	Underweight
18.5 – 24.9	Healthy weight
25.0 – 29.9	Overweight
30.0 and above	Obesity

