

# Testing

## Normal case

The screenshot shows the BMI Tracker application window. At the top, there are input fields for 'Weight (kg)' containing '70' and 'Height (cm)' containing '175'. Below these is a green 'Calculate BMI' button. The results section displays 'Your BMI:' in bold blue text followed by '22.86'. It also states 'Category: Normal weight'. At the bottom are two buttons: 'Save Record' and 'View History (Table)'.

## Underweight : Boundary Case

The screenshot shows the BMI Tracker application window. The 'Weight (kg)' field contains '40' and the 'Height (cm)' field contains '175'. Below these is a green 'Calculate BMI' button. The results section displays 'Your BMI:' in bold blue text followed by '13.06'. It states 'Category: Underweight'. At the bottom are two buttons: 'Save Record' and 'View History (Table)'.

## Obesity : Boundary Case

The screenshot shows the BMI Tracker application window. The 'Weight (kg)' field contains '95' and the 'Height (cm)' field contains '175'. Below these is a green 'Calculate BMI' button. The results section displays 'Your BMI:' in bold blue text followed by '31.02'. It states 'Category: Obesity'. At the bottom are two buttons: 'Save Record' and 'View History (Table)'.

## Zero Height : Error Case

Weight (kg):

Height (cm):

**Calculate BMI**

**Your BMI:**  
**31.02**

*Category: Obesity*

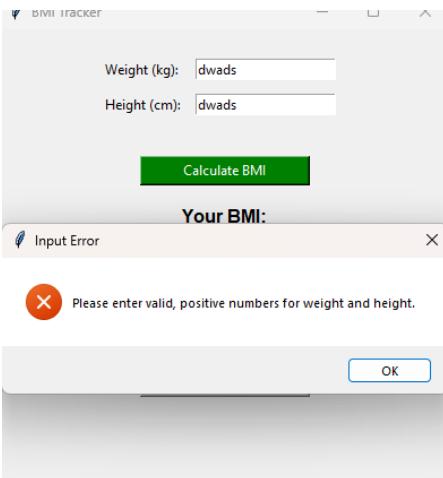
 Input Error X

 Please enter valid, positive numbers for weight and height.

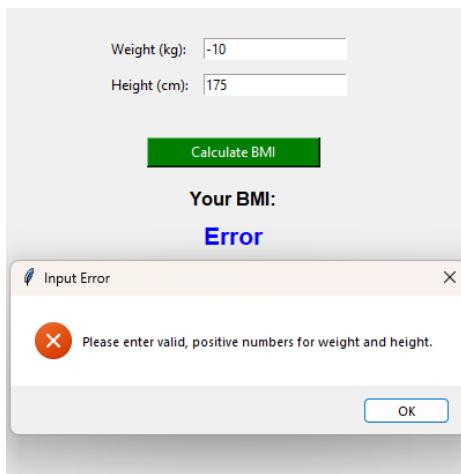
OK

## Testing

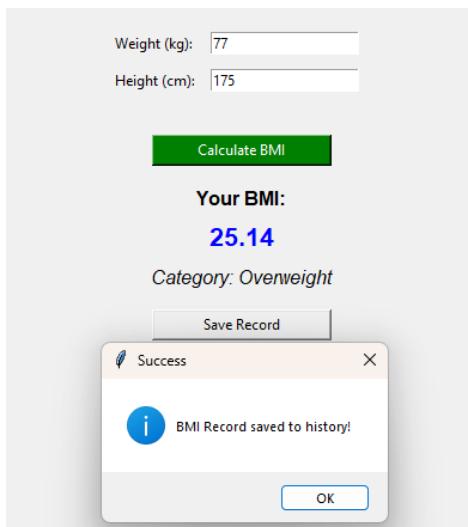
### Invalid Input(Text) : Error Case



### Negative Input : Error Case



### บันทึกประวัติ (Save Success)



### แสดงผลประวัติ (View History)

BMI History Records

ID	Date/Time	Weight (kg)	Height (m)	BMI	Category
2	2025-11-28 20:36:10	77.00	1.75	25.14	Overweight
1	2025-11-28 19:32:48	56.00	1.65	20.57	Normal weight

## Testing

### Data Persistence(ข้อมูลไม่หาย)

ID	Date/Time	Weight (kg)	Height (m)	BMI	Category
2	2025-11-28 20:36:10	77.00	1.75	25.14	Overweight
1	2025-11-28 19:32:48	56.00	1.65	20.57	Normal weight

### Maximum Value : Boundary Case

Weight (kg):

Height (cm):

**Calculate BMI**

Your BMI:  
**159.84**

Category: Obesity

[Save Record](#)

[View History \(Table\)](#)