

Re-implement the solution for the BMI exercise done earlier in the course in a GUI.

Hints (how I implemented it):

Modify the provided example code to build your solution. NOTE: Some concoction grabbed from the internet will not be accepted.

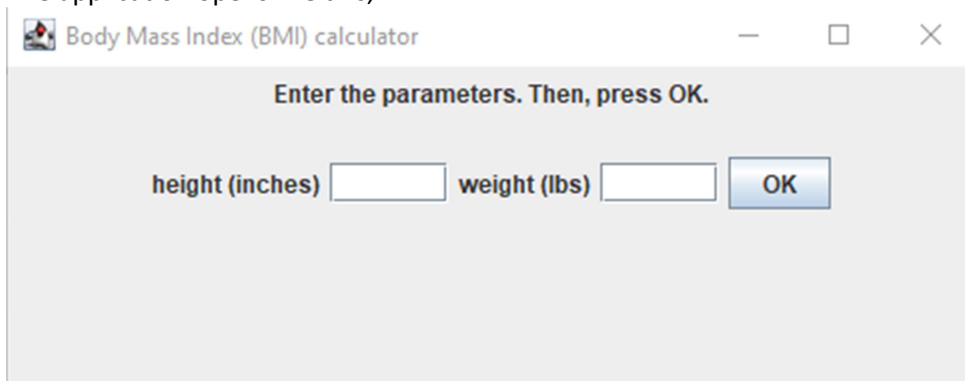
The layout of the screen is based on 4 panels

- An instruction panel
- A panel with the labels, text fields and OK button
- The result, which captures the user input as well as displaying the BMI result
- A range panel displays if the calculated BMI was over, under or in the optimal range

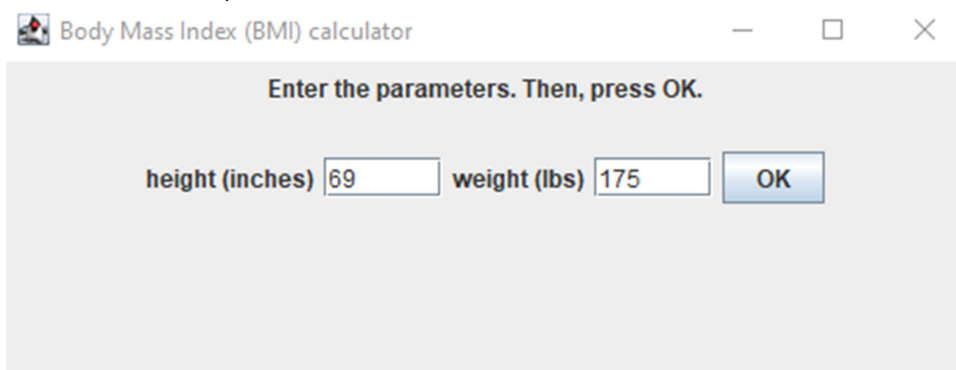
The panels will snap into a 4 rows by 1 column Grid.

Example output:

The application opens like this,...



Enter some values,...



Press OK to get the results. Notice that the entry fields are cleared – ready for another try,...

Body Mass Index (BMI) calculator

Enter the parameters. Then, press OK.

height (inches) weight (lbs)

The BMI for a height of 69 and weight of 175 is 25.84015963032976

HIGH BMI - person is too short

Repeat for other values,...

Body Mass Index (BMI) calculator

Enter the parameters. Then, press OK.

height (inches) weight (lbs)

The BMI for a height of 69 and weight of 165 is 24.363579080025204

BMI is in the optimal range: 18.5 TO 25.0

Body Mass Index (BMI) calculator

Enter the parameters. Then, press OK.

height (inches) weight (lbs)

The BMI for a height of 69 and weight of 125 is 18.457256878806973

LOW BMI - watch more TV