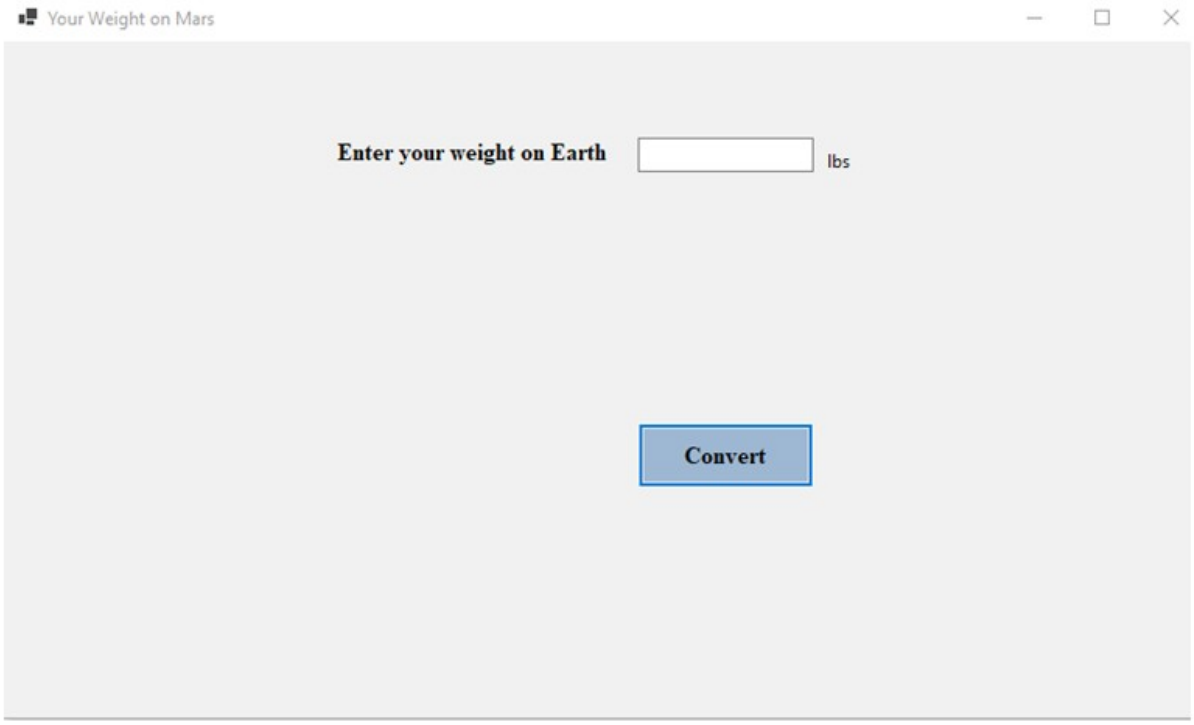
Earth Weight on Mars

Earth weight on Mars

Before the button is clicked with no output.



Earth weight on Mars

After the covert button been clicked the output.

- When the program starts, it hides the labels that will show the weight on Mars. These labels will be made visible later when the calculation is done.
- The program has a button called "Convert," and when the user clicks on this button, the conversion process starts.
- The program initializes some variables used in the calculation: earthWeight, finalValue, gravAccEarth, and gravAccMars.
- The program asks the user to input their weight on Earth through a textbox named txtEarthWeight.
- The weight on Mars is calculated using the formula: finalValue = (earthWeight / gravAccEarth) * gravAccMars. This formula takes into account the gravitational acceleration on Earth (gravAccEarth) and Mars (gravAccMars) to determine the corresponding weight on Mars.
- The calculated weight on Mars is then displayed on a label named lblMarsWeight. The value is formatted to show only two decimal places.
- After the calculation is completed, the labels lblMars and lblMarsWeight are made visible to show the result.