|  |  |  |
| --- | --- | --- |
| Input:  Total Calories  Total Fat Grams | Processing  Is the check box checked?  -Yes: if Percentage is <30% display “Low Fat” otherwise display “Not Low Fat” | Output  Display Total Calories from Fat  Display Total Percentage Calories from Fat  If box is checked display low or high fat message. |
|  | -No: move on  Calculate the total calories from fat: caloriesFromFat = fatGrams \* 9  Calculate the total percentage of calories from fat: percentageCaloriesFromFat = (caloriesFromFat / totalCalories) \* 100 |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |