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Gabbis Edition 8th- Chapter 4 Problem 6

Pseudocode

START

1. Set variables to be inputted by the user
2. Ask the user to input the object’s mass in kg
3. Weight = mass \* 9.8
4. setprecision(1); fixed
5. if (weight >= 10 && weight <= 1000)
6. Print: True –Display the object’s weight
7. else if (weight > 1000)
8. Print: True – if “too heavy Display the object’s weight
9. else if (weight < 10)
10. Print: Ture – if “Too light” Display the object’s weight

END

Flowchart

START

False

END

True

Too light

Display weight

else if( weight < 10)

False

Display object’s weight

Too heavy

Display weight

True

else if(weight > 1000)

False

True

if(weight >= 10 && weight <= 1000)

setprecision(1); fixed

Weight = mass \* 9.8

Enter the mass (in kg)

Set variable:

weight, mass