Write a program that will calculate the Body Mass Index(BMI) of a person and displays to the user the BMI number and Under-weight if the BMI is underweight, Normal if the BMI is normal, and Over-weight if the BMI is overweight. Your program should have multiple functions, each accomplishing one task. Every part of your program should be grouped into functions, even the user inputs. You should only call one function that should be named main, which will run the whole program. Your whole program should be group into functions. You should ask the user for their weight in pounds, their height in feet and in inches. I weight 150 pounds and I’m 5ft and 7inches in height.

THIS IS A SIMPLE PROGRAM, IF A PART SEEMS DIFFICULT BREAK IT INTO SMALLER EASIER TO UNDERSTAND PARTS.

Where:

kg = weight in kilograms

m = height in meters

Conversions:

1 pound = 0.453592 kilograms

1 feet = 0.3048 meters

1 inch = 0.0833333 feet

Examples:

150 lb. = (150 \* 0.453592) kg

150 lb. = 68.0388 kg

7 ft = (7 \* 0.3048) m

7 ft = 2.1336 m

8 in = (8 \* 0.0833333) ft

8 in = 0.6666664 ft

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18 ft and 5 in

5 in = (5 \* 0.0833333) ft

5 in = 0.4166665 ft

18 ft and 5 in = (18 + 0.4166665) ft

18 ft and 5 in = 18.4166665 ft

BMI Outputs:

Under-weight:

BMI <= 18.4

Normal:

18.5 <= BMI <= 24.9

Over-weight:

BMI >= 25.0