Python Programming @ The department of Computer Science

Distance Conversion

Requirements

Design and create a piece of Python software that, when presented with a distance given in Metres converts it to a distance measure comprising Yards, Feet and Inches (1 Metre = 39.37 Inches, 12 inches = 1 foot, 3 feet = 1 yard). Output the result in whole Yards, Feet and Inches. Use either a Python list or a dictionary to store the result.

Testing

Test Case	Expected result
0	[0,0,0]
1	[1,0,3]
4	[4,1,1]
50	[54,2,0]
100	[109,1,0]