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### Assignment Four - feet and meters converter
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#!/usr/bin/python

def title():    #title function
    print('Feet and Meters Converter')
    print('')

def menu():     #menu function
    print('Conversions Menu:')
    print('')
    print('a. Feet to Meters')
    print('')
    print('b. Meters to Feet')
    print('')

def feet_to_meter(feet):    #convert feet to meters
    meters = feet * 0.3048
    return meters

def meter_to_feet(meters):  #conver feet to meters
    feet = meters / 0.3048
    return feet

def main():
    if __name__ == '__main__':    #calling title and menu functions
        title()
        menu()
    while True:                    #while loop for performing another conversion
        x = input('Select a conversion (a/b): ')
        print('')
        if x == 'a':              # if/else for calculation using correction
            function
                c = float(input('Enter feet: '))
                print('')
                print(round(feet_to_meter(c),2), ' meters' )
                print('')
            else:
                c = float(input('Enter meters: '))
                print('')
                print(round(meter_to_feet(c),2) , ' feet')
                print('')
            yes = input('Would you like to perform another conversion? (y/n): ' )
            if yes.lower() != 'y':
                break
            else:
                continue
        print('')
        print('Thanks, bye! ')

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