CHALLENGE 1

# Challenge1Elif.py

#

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magnitude = float(input("Please enter magnitude of the earthquake\n\n"))

if magnitude >= 10:

    print("\nThe earthquake is Meteoric""\n\n")

elif (magnitude >= 8 and magnitude <10):

    print("\nThe earthquake is Great""\n\n")

elif (magnitude >= 7 and magnitude <8):

    print("\nThe earthquake is Major""\n\n")

elif (magnitude >= 6 and magnitude <7):

    print("\nThe earthquake is Strong""\n\n")

elif (magnitude >= 5 and magnitude <6):

    print("\nThe earthquake is Moderate""\n\n")

elif (magnitude >= 4 and magnitude <5):

    print("\nThe earthquake is Light""\n\n")

elif (magnitude >= 3 and magnitude <4):

    print("\nThe earthquake is Minor""\n\n")

elif (magnitude >= 2 and magnitude <3):

    print("\nThe earthquake is Very minor""\n\n")

else:

    print("\nThe earthquake is Micro""\n\n")

# Testing

'''

print("My assertions are:"

      "\nmagnitude = 5.7, output = Moderate"

      "\nmagnitude = 0.0, output = Micro"

      "\nmagnitude = 11, output = Meteoric")

'''