CO222 Consolidation Session 02
E/14/158
Problem

Read https://www.tutorialspoint.com/c_standard_library/math_h.htm
Take pi as `3.14159`

Consider the following equation,
sin(x) + tan(x) = k
k is a decimal number (positive or negative) with maximum three decimal places.
Solve the equation for x in radians within the range (-pi,pi) and print the answer rounded to three decimal places.

Note:
1.You will have to use the basic functions in the math library
sin()
tan()
pow()
fabs() = The absolute value of a number (the positive value even if the number if positive or negative)

2. When compiling the source with the math libray, type the following in the terminal
gcc fileName.c -lm

Sample input #1
0
Sample output #1
0.000
Explanation
sin(0.00)+tan(0.00)=0

Sample input #1
-2.000
Sample output #1
-0.886
Explanation
sin(-0.886)+tan(0.886)=-2.000