CSC108H Winter 2023 Worksheet: Built-in Functions

1. Built-in Functions

Without running the code, complete the table below by filling in the values that the expressions produce, as well as the types of those values.

Python Expression	Result	Type of Result
min(4, 6, 2.5)	2.5	float
max(10.1, 13, 16)		
abs(-5.2)		
pow(2, 3)		

2. Built-in Function: help

The built-in function help can be used to provide information about other functions. Answer the following questions, using the output of help(round) below:

Help on built-in function round in module builtins:

round(number, ndigits=None)

Round a number to a given precision in decimal digits.

The return value is an integer if ndigits is omitted or None. Otherwise the return value has the same type as the number. ndigits may be negative.

Question	Answer
What are the types function round can return?	
What is the <i>minimum</i> number of arguments function round can take?	
What is the <i>maximum</i> number of arguments function round can take?	

3. Built-in Function: Using round

Complete the table below with the results of the following calls to round:

Python Expression	Result	Python Expression	Result
round(1.6)		round(3.14159, 2)	
round(1234.5678, -2)		round(2.5)	