CSCA08H Winter 2022 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)`	16	int
`abs(-5.2)`	5.2	float
`pow(2, 3)`	8	int

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?	int & float
What is the *minimum* number of arguments function `round` can take?	one
What is the *maximum* number of arguments function `round` can take?	two

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)`	1		`round(3.14159, 2)`	3.14
`round(1234.5678, -2)`	1234.57		`round(2.5)`	2