

01: INTRODUCTION TO PYTHON

- 1: What is the primary difference between the two types of division in python?
- 2: What ways can you denote comments in your python code? What are the different versions of commenting primarily used for?
- 3: Can you pass a function as an argument to another function? Why would this be beneficial?
- 4: Write how you think modules work. How do you think you would make or write your own module?
- 5: What is the difference between statements and functions in python?
- 6: Describe what the following keywords do: `print`, `len`, `import`, `def`, and `return`.
- 7: Create two working python programs: `hello.py` and `hbar.py`. `hello.py` simply prints out “Hello World” and `hbar.py` calculates \hbar (given $h = 6.62606876 \times 10^{34}$) and put puts the value in a sentence. Remember to use docstrings to document your scripts.