Python Exercise 1

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1   Instructions

Finish the following exercises on a piece of paper or a .pages file by 11:59 AM CST, Jan 12. The exercise takes no more than 10 minutes in total. Record the time it takes to finish, and write it down at the end of your answers.

2   Class Recap

Today, we covered introduction of functions, grammar of functions, indent, data types, **print**() and **type**() function and variable assignment.

3   Exercises

3.1   Indent & Definition and Grammar of Functions

1. Write down the code that outputs "Hello World".

2. Write down a function that outputs the given argument.

3. Write down a function that takes in one integer argument and return the its cubic value.

4. How many spaces do we need for indent?

5. What does the parentheses after a function name mean in Python?

3.2   Data Types

1. Write down the data types of `100`, `3.14`, `"Python"`, `'I'`, `'I love Python'`, and `'True'`, `False`.

2. What is the difference between a string quoted in `""` and in `''`?

3. How to know the type of one variable in Python?

3.3   Variable Assignment

1. Write down one line of code that assigns `86` to a variable named `china\_code`.