

# 2 Functions

Jin Wang,

MSIS, Rutgers

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Summing up

# **1. Function structure**

The first function: `print()`

## 1.1 Function

## 1.2 Arguments (in `print()`)

### Arguments

- `print()` arguments: the python documentation at <https://docs.python.org/3/library/functions.html#print>.

### Default arguments

## 2. Comments and Pseudocode

Comments

Pseudocode

Multi-line comment

**3. Create our own function by `def`**



**First function without arguments**

## Function with Arguments

**Function with default value**

## **4. Return values**

## **5. Variables and parameters are local**

## **6. Stack diagrams and debugging**

**Call a function in another function**

**Stack diagram**



**Debugging**

## 7. Organizing our code by using `main()`

# Summing up

- `print()` function
- Arguments in `print()`
- Comments and pseudocode
- Create function using `def`
- Arguments, default value
- Local variables
- `main()` function

End