

Function and Method

Outline

- Function and Method
- Method definition
- Project
- Interview Questions
- Summary

Function and Method

A **function** is a set of instructions or procedures to perform a specific task, and a **method** is a set of instructions that are associated with an object.

```
def hello(name):
    print(f"Hello {name}")
```

```
public class Main {
    void hello(String name) {
        System.out.println("Hello " + name);
    }
}
```

Method definition

```
public int add(int x, int y)
{
    int result = x + y;
    return result;
}
```

- method declaration (header)
 - ◆ Access modifier
 - ◆ Return type
 - ◆ Method name
 - ◆ Input parameters
- method body

Guess Game with methods

Interview Questions

**“People who say it cannot be done should not interrupt
those who are doing it”**