

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”**