

# Assignment 1

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## 1. Introduction

I need to demonstrate my ability to create a number of different methods and be able to use them from an another class file.

## 2. Pseudocode

Class Messages:

- Define namePrinter
- Print "Wonjoon Seol"

- Define wordPrinter
- Print "Oscar"

- Define incrementPrinter (int num)
- Print (num + 1)

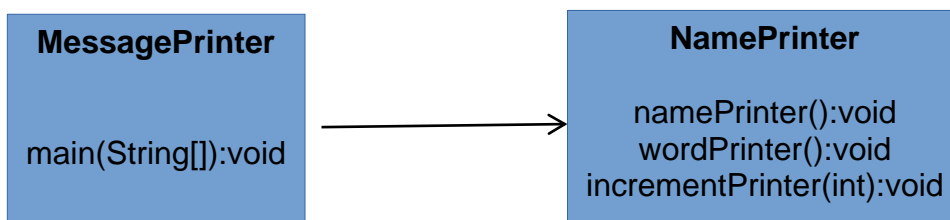
Class MessagePrinter:

- Go to 'namePrinter' in class Messages

- Go to 'wordPrinter' in class Messages

- Go to 'incrementPrinter (10)' in class Messages

## 3. Class Diagram



## 4. Description

Initially I printed requested values using `System.out.print`, discovered it did not make any new lines so I changed it to `System.out.println(a)`,

Class Messages:

```
public void namePrinter(){
    System.out.println("Wonjoon Seol");
}
```

This creates a method `namePrinter` and prints string value, my name.

```
public void wordPrinter(){
    System.out.println("Oscar");
}
```

```
}
```

This creates a method wordPrinter and Prints string value, Oscar.

```
public void incrementPrinter(int num){  
    System.out.println(num + 1);  
}
```

Creates a method with an integer parameter called num.

Class MessagePrinter

```
Messages instanceOfMessage = new Messages();  
instanceOfMessage.namePrinter();  
instanceOfMessage.wordPrinter();  
instanceOfMessage.incrementPrinter(10);
```

I defined new variable instanceOfMessage and copy the entire codes from the class Message.

Opened new variable instanceOfMessage and called each methods once, and incrementPrinter with an assigned variable.

I was really impressed with the ability to assign an entire class to a single variable and make it to an object. I look forward to learn more object-oriented programming.