

## Problem Set 4 Exercise #12: Greetings

**Reference:** Lecture 11 notes

**Learning objectives:** Characters and Strings; Whitespace issue when reading a String using `nextLine()` method after reading a numeric value

**Estimated completion time:** infinite, unless some help is rendered

### Problem statement:

Write a **non-OO** program **PS4\_Ex12\_Greetings.java** that reads in *age*, *name* and *gender* of a user, then prints out information according to the format given in the following table.

Age	Female	Male
< 18	Print "Hey girl <Name>"	Print "Hello boy <Name>"
≥ 18	Print "Hey Ms. <Name>"	Print "Hello Mr. <Name>"

### Sample run #1:

```
Your age? 20
Your name? Tom
Your gender? Male
Hello Mr. Tom
```

### Sample run #2:

```
Your age? 18
Your name? Rebecca Lim
Your gender? Female
Hey Ms. Rebecca Lim
```

### Sample run #3:

```
Your age? 16
Your name? Jack Zhang
Your gender? Male
Hello boy Jack Zhang
```

### Sample run #4:

```
Your age? 17
Your name? Michelle Chee
Your gender? Female
Hey girl Michelle Chee
```

### Useful tips:

Explore the `next()`, `nextLine()` of the `Scanner` class and `equals()` method of the `String` class.

### Note:

While the logic of this problem is trivial, you might scratch your head upon the following problem:

After typing in the *age* and press the <ENTER> key, the prompt for *name* is skipped and thus you won't have a chance to input *name*. The program directly asks you to enter *gender* instead.

You may be interested to read the following relevant post:

<http://stackoverflow.com/questions/7056749/scanner-issue-when-using-nextline-after-nextxxx>