

In-Class Worksheet #2

CS62 - Spring 2024

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Practice Problem 1

You are building a weather report system that prints a message about today's temperature. While testing you unfortunately found that it doesn't quite work right. What will it do and what is the problem?

```
int temperature = 47;
String message;

if (temperature < 65){
    message = "Too cold";
}
if (temperature >= 64 && temperature <= 75){
    message = "Just perfect";
}
else{
    message = "Too hot";
}
System.out.println(message);
```

Practice Problem 2

What will the following program print?

```
int n1 = 32;
int n2 = 47;
System.out.println((n1>n2) ? (n1+n2):(n1-n2));
```

Practice Problem 3

Declare and initialize an array of strings with all the classes you are taking this semester. Remember the word `class` is a reserved word, you cannot use it to name your variables.

- Write a for loop that loops through each class.
- If a class is called “CSCI062” you need to print “CSCI062: This is the best class ever, no need to see more” and break the for loop.
- Otherwise, if a class is called “CSCI101”, you need to print “CSCI101: New CS achievement unlocked” and continue to the next iteration.
- Otherwise, print the name of the class.