Class Notes

Topic Goals/Objectives Essential Question	What type of problems can I expect when I am comparing objects?
	Concept/Examples
	Practice Problems: What is the output of the code block on the following page? Explain any differences between your answers and the actual output.
SUMMARY	

Class Notes

```
//Sample Program

 String  my_string_1 = "This is a test";
 String  my_string_2 = new String("This is a test");
 String  my_string_3 = "This is a" + " test";
 String  my_string_4 = "test";
 int    my_int_1 = 93;
 int    my_int_2 = 93;

 if (my_int_1 == my_int_2)
   System.out.println("My ints are the same\n");
 else
   System.out.println("My ints are different, " + my_int_1 + " is different than " + my_int_2);

 if (my_string_1 == my_string_2)
     System.out.println("My strings are the same\n");
 else
     System.out.println("My strings are different, " + my_string_1 + " is different than " + my_string_2);

 if (my_string_1 == my_string_3)
     System.out.println("My other strings are the same\n");
 else
     System.out.println("My other strings are different, " + my_string_1 + " is different than " + my_string_3);

 if (my_string_1.equals(my_string_3))
     System.out.println("True: my_string_1.equals(my_string_3)");
 else
     System.out.println("False: my_string_1.equals(my_string_3)");

 if (my_string_1 == "This is a " + my_string_4)
     System.out.println("my_string_1 = This is a + my_string_4\n");
 else
     System.out.println("my_string_1 is not equal to " + "This is a " + my_string_4);

 if (my_string_1.equals("This is a " + my_string_4))
     System.out.println("my_string_1 = This is a + my_string_4\n");
 else
     System.out.println("my_string_1 is not equal to " + "This is a " + my_string_4);
```