For the following format specifiers, PLEASE FILL OUT COMPLETE INFORMATION. It will not be sufficient to copy and paste information you find on the internet. For your own success in this lesson you should articulate your understanding of how each of these specifiers work.

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| **%f** | When do you use it?  Display a floating point value in decimal format  How does it work?  The floating point value goes in where the %f is. The number after the % represents the amount of characters/decimals. Ex: If pi is put in at %.2f, it turns into 3.14  Provide examples:  System.out.printf("num is %.2f\n", Math.PI );  System.out.printf("Total is: $%,.2f%n", dblTotal); System.out.printf("Total: %10.2f: ", dblTotal); |
| **%d** | When do you use it?  Display a decimal(base 10) integer  How does it work?  A decimal value will be put in, but it is not a double or a float. The value is an int  Provide examples:  System.out.printf(“I have been to Hawaii %d times”, 2);  System.out.printf("%4d", intValue); |
| **%s** | When do you use it?  Display strings  How does it work?  A string value is inserted at %s. The number before shows how many characters will be able to be displayed  Provide examples:  System.out.printf(“The %s jumped over the %s”, “cow”, “moon”);  System.out.printf("%-20.10s\n", stringVal); |