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?  To display a floating point value in decimal format  How does it work?  It displays the decimal and uses it to format the specific number of spaces past the decimal point  Provide examples:  System.out.printf("%.2f", 3.1415); // will print 2 digits after decimal |
| **%d** | When do you use it?  To displays a decimal (base 10 ) integer  How does it work?  It uses the base 10 integer to format the decimal to fit in the space  Provide examples:  int day = 9;  String month = "March";  int year = 1993;  char grade='A';  int marks=99;  System.out.format("Born on %dth %s, %d\n", day,month,year);  System.out.format("Secured %d%% marks and %c grade", marks,grade);  The output would be:  Born on 9th March, 1993  Secured 99% marks and A grade |
| **%s** | When do you use it?  To display strings  How does it work?  It adds in the string words in the format indicated  Provide examples:  int day = 9;  String month = "March";  int year = 1993;  char grade='A';  int marks=99;  System.out.format("Born on %dth %s, %d\n", day,month,year);  System.out.format("Secured %d%% marks and %c grade", marks,grade);  The output would be:  Born on 9th March, 1993  Secured 99% marks and A grade |