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 print float and double values, we use either %f or %e depending on the requirement of output  How does it work? : Display a floating point value in decimal format  Provide examples: System.out.format("%.3f",34.789456);  The output would be  34.789 |
| **%d** | When do you use it?:  To print a short, byte, int or long data item, we use the %d format specifier  How does it work?: Displays a decimal (base 10 ) integer  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 print boolean, char and String data items, we use %b, %c and %s specifiers respectively.  How does it work?: Displays Strings for Boolean, char abd string data  Provide examples: String name1="Sai";  String name2="Gautham";  int marks1=100;  int marks2=99;  System.out.format("%-10s - %4d\n",name1,marks1);  System.out.format("%-10s - %4d\n",name2,marks2);  The output would be  Sai - 100  Gautham - 99 |