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?  It is used when a decimal variable (either a float or double) needs to be put into a format String in decimal format.  How does it work?  In the line of a System.out.printf or System.out.format, it is used in the place of concatenation and is later denoted after a comma.  Provide examples:  float age = 16;  System.out.format(“I am currently %2.1f years old”, age);  Result: I am currently 16.0 years old |
| **%d** | When do you use it?  It is used when a base 10 variable (a short, long, byte, or int) needs to be put in a format String.  How does it work?  In the line of a System.out.printf or System.out.format, it is used in the place of concatenation and is later denoted after a comma.  Provide examples:  int age = 16;  System.out.format(“I am currently %2d years old”, age);  Result: I am currently 16 years old. |
| **%s** | When do you use it?  It is used when a String needs to be put into a format String.  How does it work?  In the line of a System.out.printf or System.out.format, it is used in the place of concatenation and is later denoted after a comma.  Provide examples:  String age = “sixteen”  System.out.format(“I am currently %7s years old”, age);  Result: I am currently sixteen years old. |