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? To print float and double values, we use either %f or %e |
| **%d** | When do you use it? To display a decimal (base 10) integer  How does it work? to print a short, byte, int or long data item, we use the %d |
| **%s** | When do you use it? To display strings  How does it work? The “s” specifies which type of text to print/ To print boolean, char and String data items, we use %b, %c and %s  Provide examples:  System.out.println ("Welcome to "+str);  System.out.printf ("Welcome to %s", str); |

Example:

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