**Escape Characters in Java:**

-a character preceded by a backslash (\) is an escape sequence and has a special meaning to the compiler

-when an escape sequence is encountered in a print statement the complier interprets it accordingly

Ex: to print the sentence: She said “Hello!” to me you would write: System.out.println(“She said \”Hello!\” to me);

Examples:

-\t: insert a tab in the text at this point

-\b: insert a backspace in the text at this point

-\n: insert a new line in the text at this point

-\r: insert a carriage return in the text at this point

-\f: insert a formfeed in the text at this point

-\ ‘: insert a single quote character in the text at this point

-\ “: insert a double quote character in the text at this point

-\ \: insert a backslash character in the text at this point

**ASCII Art:**

-ASCII art is a graphic design technique that uses computers for presentation and consists of pictures pieced together from the 95 printable (out of 128) characters defined by the ASCII standard

-used wherever text can be more readily printed or transmitted than graphics or when transmission of pictures is not possible

-also used for the representation of company/product logos within computer programs

-styles include typewriter-style lettering (made from individual letter characters), line art (for creating shapes), solid art (for creating filled objects), shading (using symbols with various intensities for creating gradients/contrasts), combination of the previous (often used for signatures), as-Pixel characters

-simplest form is combinations of 2 or 3 characters for expressing emotion in text (aka emoticon/smiley)