


```

package ascii3;
public class ascii3 {
    public static void main(String[] args) {
        System.out.printf("%1$-8s %2$-10s \n", "Decimal", "ASCII");
        int min = 1;
        int max = 128;
        for (int i = min; i < max; i++) {
            char ch = (char) i;
            String display = "";
            if (Character.isWhitespace(ch)) {
                switch (ch) {
                    case '\r':
                        display = "\\r";
                        break;
                    case '\t':
                        display = "\\t";
                        break;
                    case '\n':
                        display = "\\n";
                        break;
                    case '\f':
                        display = "\\f";
                        break;
                    case ' ':
                        display = "space";
                        break;
                    default:
                        display = "whitespace";
                        break;
                }
            } else if (Character.isISOControl(ch)) {
                display = "control";
            } else {
                display = Character.toString(ch);
            }
            System.out.printf("%1$-8d %2$-10s \n", i, display,
Integer.toHexString(i));
        }
    }
}

```