CS 1400 Chapter 1 Assignment 1

Terminal Drawing Methods:

Interface for expressions:

```
public interface AssignValue {
public int op(int a, int b);
}
```

Create Table method:

Main method:

```
public static void main(String[] args)

{
    AssignValue addition = (a, b) -> a + b;
    AssignValue multiplication = (a, b) -> a * b;

    System.out.println(x:"Addition Table");
    CreateTable(addition);

    System.out.println(x:"Multiplication Table");
    CreateTable(multiplication);
}
```

Terminal Output:

Addition Table											
	0	1	2	3	4	5	6	7	8	9	
0	I	0	1	2	3	4	5	6	7	8	9
1	I	1	2	3	4	5	6	7	8	9	10
2	I	2	3	4	5	6	7	8	9	10	11
3	T	3	4	5	6	7	8	9	10	11	12
4	l	4	5	6	7	8	9	10	11	12	13
5	I	5	6	7	8	9	10	11	12	13	14
6	I	6	7	8	9	10	11	12	13	14	15
7	l	7	8	9	10	11	12	13	14	15	16
8	T	8	9	10	11	12	13	14	15	16	17
9	I	9	10	11	12	13	14	15	16	17	18
Multiplication Table											
	0	1	2	3	4	5	6	7	8	9	1
0		0	0	0	0	0	0	0	0	0	0
1		0	1	2	3	4	5	6	7	8	9
2		0	2	4	6	8	10	12	14	16	18
3	I	0	3	6	9	12	15	18	21	24	27
4	l	0	4	8	12	16	20	24	28	32	36
5	l	0	5	10	15	20	25	30	35	40	45
6	l	0	6	12	18	24	30	36	42	48	54
7	l	0	7	14	21	28	35	42	49	56	63
8		0	8	16	24	32	40	48	56	64	72