

## Exercise 74: Multiplication Table

*(Solved—18 Lines)*

In this exercise you will create a program that displays a multiplication table that shows the products of all combinations of integers from 1 times 1 up to and including 10 times 10. Your multiplication table should include a row of labels across the top of it containing the numbers 1 through 10. It should also include labels down the left side consisting of the numbers 1 through 10. The expected output from the program is shown below:

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

When completing this exercise you will probably find it helpful to be able to print out a value without moving down to the next line. This can be accomplished by added `end=""` as the last parameter to your print statement. For example, `print("A")` will display the letter A and then move down to the next line. The statement `print("A", end="")` will display the letter A without moving down to the next line, causing the next print statement to display its result on the same line as the letter A.