Lab 10

Print the multiplication table from 1-9 similarly to what is shown below, including the legend on the top and sides. Calculate the values and use **nested loops** to complete this lab. Your table should line up nicely **(remember setw!)**

Think about the three types of loops we have learned (while, do-while and for) and choose the most appropriate type for this problem.

You should test your program and make sure it works **before** asking me to check it off! The examples below are **test cases.** Your code should work properly with all test cases listed, as well as with other inputs. Please test your code with **all** test cases included with each lab, **and have these test cases already run and on screen** when you call me over to check you off.

Example Output:

Test Case 1:

```
        1    2    3    4    5    6    7    8    9

---------------------------------------------------------

  1 |    1    2    3    4    5    6    7    8    9

  2 |    2    4    6    8   10   12   14   16   18

  3 |    3    6    9   12   15   18   21   24   27

  4 |    4    8   12   16   20   24   28   32   36

  5 |    5   10   15   20   25   30   35   40   45

  6 |    6   12   18   24   30   36   42   48   54

  7 |    7   14   21   28   35   42   49   56   63

  8 |    8   16   24   32   40   48   56   64   72

  9 |    9   18   27   36   45   54   63   72   81
```