ITSC202 - Project 07-01

Part A, weight 0.5
Write a program **`multlist.c`** that will print fixed size multiplication table up to 5x5 following the example below:

```
$ multlist
1 x 1 =  1
1 x 2 =  2
1 x 3 =  3
1 x 4 =  4
1 x 5 =  5
2 x 1 =  2
...
4 x 5 = 20
5 x 1 =  5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
$
```

Part B, weight 0.3
Copy the program as **`multparam.c`** aIt will behave exactly as the previous one, except it will take the number to multiply to from command line parameter. For example, entering 15 will generate table all the way to **`15 x 15 = 225`**

Part C, weight 0.2
Rewrite the program of part B as **`multstdin.c`**, that will behave exactly as the previous one, but it will take the number to multiply to from user input following the example below:

```
Enter a number: 15
```

Part D, weight 0.5
Rewrite the program of part C as **`multany.c`**, and modify it so if there is an parameter, it will print a table up to that size, and if there is no parameter, it will take the table size from user input. Further, it will properly right align the numbers such that the last line of the output has single space between the terms as in part A.

The total mark is limited to 1.2 as usual.