Assignment One Requirements

Assignment Date: Week 1
Due Date: Day before next class @ 11:59 pm

Assignment Objective

Getting accustomed to C# and Visual Studio 2019 by writing a simple C# application.
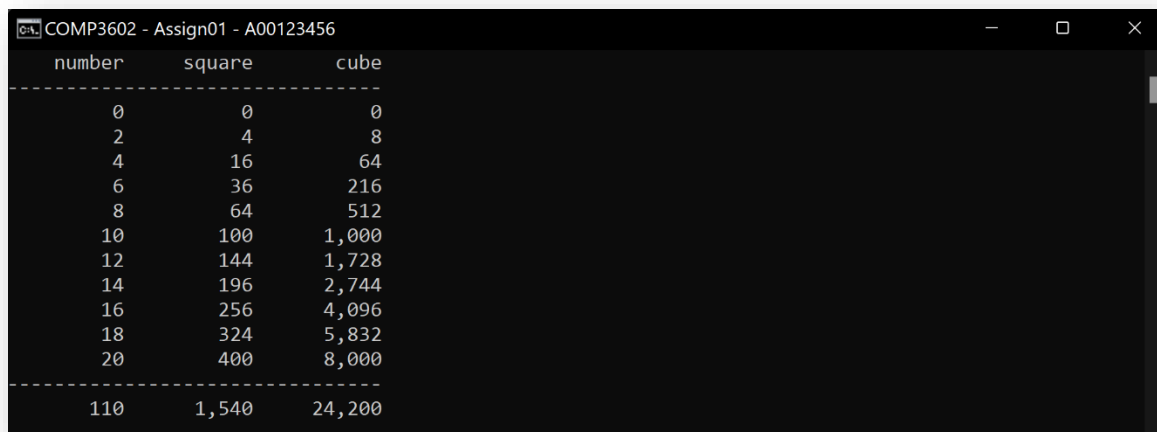
Create a new .NET Framework 4.8 or .NET 5 Console project named **COMP3602Assign01**.

You may place all code in Main or you may write separate methods and classes as you see fit.

Write a program to calculate the squares and cubes of the **even** numbers **from 0 to 20** and print the resulting values in table format, as shown below. (Note alignment and formatting)
Calculate and display the *sum* of each column. (Note alignment and formatting)

- For full marks, make your output look *exactly* like the sample below
- This application does not require any input from the user.

```
C:\ COMP3602 - Assign01 - A00123456                                    —    □    ×
  number       square         cube
----------------------------------
       0            0            0
       2            4            8
       4           16           64
       6           36          216
       8           64          512
      10          100        1,000
      12          144        1,728
      14          196        2,744
      16          256        4,096
      18          324        5,832
      20          400        8,000
----------------------------------
     110        1,540       24,200
```

For all your code, be sure to:

1. Use ample spacing.

2. Comment intelligently (there is no need to comment the obvious).

3. Solve the problem as simply and efficiently as you can.

4. Use standards and conventions.

Grading Criteria (out of 12):

- Correct files submitted (1/1)
- Correct solution naming conventions (2/2)
- Output is formatted same as sample (2/2)
- Output is correct (2/2)
- Problem solution is reasonable and efficient (3/3)
- Coding style (2/2)

Please Hand In:

1. Zip your entire solution and submit the zipped file to Assign01 in the Learning Hub.