Mr. Bellavia

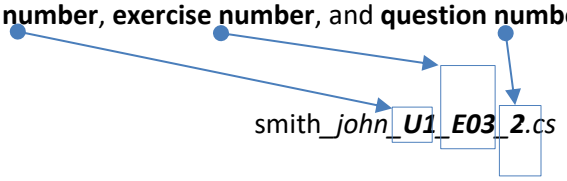
EXERCISE 06 - STRINGS, CHARS, & DATA TYPES

IMPORTANT: Before submission, make a copy of your **'Program.cs'** file for each question and then rename each file to the following:

File Names:

- *last_name_first name*_U1_E06.cs

  Note: Along with last name and first name, make sure the end of the filename (i.e., before the **.cs**) has the **unit number**, **exercise number**, and **question number.** For example:



***ATTENTION:** Only hand in **1 file** for this entire exercise!

1. Create variables and ask the user for the following data:

- First Name *(string)*
- Last Name *(string)*
- Student # *(string)*
- Address *(string)*
- City *(string)*
- Province *(string)*
- Postal Code *(string)*
- Phone *(string)*
- Period 1 Course Code *(string)*
- Period 2 Course Code *(string)*
- Period 3 Course Code *(string)*
- Period 4 Course Code *(string)*
- Period 5 Course Code *(string)*
- Period 1 Mark *(int)*
- Period 2 Mark *(int)*
- Period 3 Mark *(int)*
- Period 4 Mark *(int)*
- Period 5 Mark *(int)*

Assume that the user will enter 'spare' or 'lunch' for certain course codes and '0' for the accompanying marks for those codes.

After your program has collected the above data output all the variables in a format like below:

```
Name: John Smith

Student Number: 38547384

Address: 100 Main Street

City: Hamilton

Province: Ontario

Postal Code: L9C4B2

Phone: (905)-555-4444
```

```
Period 1        Period 2    Period 3    Period 4    Period 5

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ICS3U           MAT3C       LUNCH       BTT3O       SPARE

(85%)           (80%)       (0)         (95%)       (0)
```

Note: When you output the above **table** use the TAB character **'\t'** in your output statement so that the columns are evenly spaced.

2. Now have your program ask the user for the number of courses they inputted (excluding any lunch/spare) and store this number into a variable called **'numCourses'.** Then calculate the **average** mark for their courses by adding all the course marks together and dividing by **'numCourses'** (avoid truncation!). Output the **average** with an appropriate message to the **terminal.**