CMPSCI 120/145/191P/etc.
Project Zero
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This is a project, for credit, to show that you can closely follow directions, and can create and send `.zip` archive files as email attachments to a specific account. We'll need these skills in most future assignments, so practice getting it right here, before it *really* counts! If you are in more than one of my classes that assign this project, do it *separately* for each class. Here are the step-by-step instructions:

1. Run your favorite Web browser (PC or Mac), and download the file at URL:

   `http://www.cs.umass.edu/~verts/ProjectZero.zip`

   Save the `ProjectZero.zip` file onto your desktop.

2. Open the `ProjectZero.zip` archive. Inside the archive you will find three `.txt` (text) files:

   ```
   ProjectZeroPC.txt
   ProjectZeroMac.txt
   ProjectZeroUNIX.txt
   ```

   Each file contains the same information as the others, but the individual files are configured for PCs, Macs, and UNIX machines, respectively. Extract the appropriate file to your desktop (i.e., if you are using a Windows PC extract the `ProjectZeroPC.txt` file, and if you are using a Mac extract the `ProjectZeroMac.txt` file, etc.). Close the archive. Make certain the `.txt` file is on the desktop before you proceed.

3. Change the file name of the `.txt` file, replacing the "`ProjectZero`" part with your last name, an underscore, the first letter of your first name, and a second underscore, but leave the …`PC.txt` or …`Mac.txt` part unchanged. For example, I would change the PC version of the file from `ProjectZeroPC.txt` to `Verts_W_PC.txt`, and the Mac version of the file from `ProjectZeroMac.txt` to `Verts_W_Mac.txt`, respectively.

4. Open the `.txt` file in a simple text editor (Windows Notepad on a PC, Text Edit on a Mac, emacs on a UNIX machine). Inside you will find several sentences, each with a blank slot representing information for you to fill in. Replace each blank with the appropriate information (your full name, your email username, your preferred nickname, and the number of the class you are taking). Save the file, and exit the editor.

5. Create a `.zip` archive file on your desktop, with the name part composed of your last name, an underscore, the first letter of your first name, a second underscore, and the number of the class you are taking. For example, if I was taking CMPSCI 145 I would create `Verts_W_145.zip`, and for 191P I would create `Verts_W_191P.zip` (follow the capitalization style shown here). Be careful, particularly on Windows systems where file extensions are normally hidden, that you do not create a file ending in `.zip.zip` (i.e., if file extensions ARE hidden, the file name for me would be `Verts_W_145` or `Verts_W_191P`, *without* the `.zip` extension showing, but if file extensions are normally visible you would enter the `.zip` part of the file name explicitly).

6. Drag the one modified `.txt` file (the one with your name on it) onto the `.zip` archive. This action compresses the file and stores it into the archive. WARNING: Do NOT copy any of the original `ProjectZero___.txt` files, or any other files, into this archive!

7. Double-click the `.zip` archive file; it will open as a "compressed folder". If you did everything correctly, you will see the single text file with your name on it inside. There will probably be a compression ratio or compressed size indication on the line with the file. Close the archive.

8. In your favorite email program, create a message as follows:

To:	`literacy@cs.umass.edu`	(the class mail-drop, NOT to me!)
From:	_____`@student.umass.edu`	(your username in the blank, here…)
Cc:	_____`@student.umass.edu`	(…and again; send a copy to yourself)
Subject:	`CMPSCI ____ Project Zero`	(the class you are taking in the blank)
Attach:	_____`.zip`	(your archive file as an attachment)

In the body of the message, please put your full name so I know exactly who the message is from (I cannot tell much from usernames alone). Send the email.

Grading

We will be looking for a number of things, and assessing points accordingly:

1. Does the mail message contain correct From: and Subject: lines? (Points off for errors/typos.)
2. Does the body of the mail message contain student's full name? (Points off if not.)
3. Does the mail message contain an attachment? (Points off for no attachment or not a `.zip`.)
4. Is the attachment named correctly? (Points off for not following naming guidelines.)
5. Does the attachment end in `.zip` or `.zip.zip`? (Points off for `.zip.zip` extensions.)
6. Does the `.zip` archive contain only one file? (Points off for empty archive, or multiple files.)
7. Is the one file contained in the `.zip` a `.txt` file? (Points off for any other file type.)
8. Does the `.txt` file have the correct name? (Points off for not following naming guidelines.)
9. Does the `.txt` file have the correct text modifications? (Points off for not making corrections.)