

Updated: 4/27/2021

ISRF Program

Converting Google Forms Inputs into the New York State required ISRF:

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Introduction

A program to merge Google Forms to NYSED's ISRF.

Overview

1. Get student answers in a Google Form. The format of the forms matters. The questions in the beginning and end do not matter, **however** the middle questions/answers cannot change (i.e. you can add questions at the beginning and end, but not in the middle). If the middle answers change (sequence of questions), the program will not be able to run correctly.
2. Download as an Excel xlsx file.
3. Clean the Excel xlsx file data.
4. Create a folder of where you want the ISRF PDFs.
5. Run the program as instructed.

Excel Data Format

The current version of the program uses the first sheet of the excel file.

On notes:

Phone numbers should be ten-digit US phone numbers **without** a country code.

Dates of Birth's year should be within the range of 1900 to the current day. Common errors here are students putting the current date and not their birthday. Additionally, some errors (rare) that I have seen are dates that are very old (18xx); I do not know how this is happening but probably an error with Google. For both types of errors, place the person on a separate tab and don't run the program with their information, or if you are confident, you know their date, change it. Otherwise, wait to run it with their information until you have the proper info.

Emergency contact name: sometimes students put a phone number in this field and not a person's name.

The format of the columns in the excel, should start from column A to AD:

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(note: this is why I say the beginning and end questions of the Form don't matter. What you will do is delete those columns from the excel; as long as columns A to AD are in the order below, any other columns don't matter and won't affect the program).

- A. Timestamp
- B. First name
- C. Last name
- D. Birthdate
- E. Today's date
- F. Address
- G. City
- H. Live in NY state (yes/no)
- I. Zip code
- J. Mobile phone number
- K. Landline
- L. Email
- M. Emergency contact name
- N. Emergency contact phone
- O. Gender
- P. Hispanic/Latino/Brazilian identification (yes/no)
- Q. Ethnicity
- R. Working description
- S. US studies as a child
- T. Highest grade completed in US
- U. Highest grade completed in NY
- V. If studied in NY, last school's name
- W. Received a HS diploma (yes/no)
- X. Received a university diploma (yes/no)
- Y. If did not finish HS, how many years study at school?
- Z. Caring for children <21
- AA. Single parent identifier
- AB. Children 0-4 declaration
- AC. Children 5-10 declaration
- AD. Children 11-13 declaration
- AE. Children 14-18 declaration
- AF. Learning barriers declaration

The reason columns for the form can be added before and after this strict sequence of columns is that before you run the program you can save the excel as a copy (or use the original) and delete the extra columns you added before the above set of columns. Columns after AD above are not implemented in the program and the program does not see any column after AD (so you can use them freely without worry that the program will mess up).

The general formatting makes general sense. Formatting the above columns is here:

- A. Timestamp
- B. First name
- C. Last name
- D. Birthdate: auto formatted with Google, but ensure is proper: **mm/dd/yyyy**
- E. Today's date: taken from the timestamp, and is auto formatted with Google **mm/dd/yyyy**
- F. Address: **111 StreetName Road** separated with spaces.
- G. City: Just the city, but if they make an error that is also ok.
- H. Live in NY state (yes/no): Binary question either yes or no
- I. Zip code: **XXXXXX** 5-digit number only; if they put spaces before/after that is ok
- J. Mobile phone number: see phone number requirements
- K. Landline: see phone number requirements
- L. Email: no requirements
- M. Emergency contact name: no requirements
- N. Emergency contact phone: see phone number requirements
- O. Gender: use options provided in the Google Form.
- P. Hispanic/Latino/Brazilian identification (yes/no): Binary question either yes or no
- Q. Ethnicity: see ethnicity requirements
- R. Working description: see working description requirements
- S. US studies as a child: Binary question either yes or no
- T. Highest grade completed in US: **number only** (11, not 11th)
- U. Highest grade completed in NY: **number only** (11, not 11th)
- V. If studied in NY, last school's name
- W. Receive a HS diploma
- X. Receive a university diploma
- Y. If did not finish HS, how many years study at school? number only (11, not 11th)
- Z. Caring for children <21: Binary question either yes or no
- AA. Single parent identifier: Binary question either yes or no
- BB. Children 0-4 declaration: **number only**. Word in place of number (i.e. "eleven") is not supported.
- AA. Children 5-10 declaration: **number only**. Word in place of number (i.e. "eleven") is not supported.
- AB. Children 11-13 declaration: **number only**. Word in place of number (i.e. "eleven") is not supported.
- AC. Children 14-18 declaration: **number only**. Word in place of number (i.e. "eleven") is not supported.
- AD. Learning barriers declaration: use the form's descriptions.

Below is an example of the excel sheet. As you see, the information provided is ok; columns are added after AD; highlighting/formatting of cells is ok, as well as comments.

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	A	B	C	D	E
			Write your last name. If you have two last names, put both.	When were you born? Write month / date / year. (For example, June 3, 1980 = 06/03/1980)	
1	Timestamp	Write your first name.			Enter today's date.
2	6/8/2020 21:34:33	HTIN	LIN	12/10/1994	6/8/2020
3	6/8/2020 12:55:26	Kusi	Castillo	11/6/1973	6/8/2020
4	6/8/2020 20:11:03	Magali	Gomez Paz	12/18/1972	6/8/2020
5	6/9/2020 21:16:15	Chaw	Chaw	9/22/1976	6/9/2020
6	6/8/2020 12:57:52	Adriana	Reyes	9/14/1982	6/8/2020
7	6/9/2020 13:54:07	Zenaida	Huerta	10/11/1967	6/9/2020
8	6/8/2020 12:59:01	elsa	hernandez	12/3/1990	6/12/2020
9	6/8/2020 13:16:47	Beatriz	Mejia valdez	1/12/1995	6/8/2020
	F	G	H	I	J
	What is your home address? Write number, street name, and floor or apartment number. (For example, 30 West 130th St)	What city do you live in? (For example, New York, Bronx, Brooklyn, Elmhurst, Corona)	If you want to take English or TASC classes with Community Impact, you must live in the state of New York. Do you live in	What is your zip code? Enter 5 numbers.	What is your mobile phone number? Write area code + number. (For example: 999-999-9999)
1	4009 70th St	NY	Yes	11377	9292574295
2	1630 Norman Street, apt. 2	Ridgewood	Yes	11385	9292945985
3	888 Main Street, apt 243	New York	Yes	10044	929-527-2198
4	83-37 Saint James Ave, Apt	Elmhurst	Yes	11373	920-242-8007
5	2036 Easter Parkway, Apt	Brooklyn	Yes	11207	347-357-8414
6	1470 amsterdam ave apt 1	New York	Yes	10027	347-494-2917
7					
8	404 E 66 st apt 2M	new york	Yes	10065	7132948878
	K	L	M	N	O
	Do you have a home phone (land line)? If yes, what is the number? Write area code + number. (For example: 999-999-9999)	What is your email address?	Write the name of a friend or family member that we can contact in case of an emergency.	Write the telephone number of the person to contact in case of an emergency.	What is your gender? Choose one.
1		paipai.1994@icloud.com	+95 19175930690	+95 19175930690	Male
2		kusi.cecilia@gmail.com	Yllari Herrouet	425-305-0091	Female
3		magamx@yahoo.com	Pablo Garibian	347-714-1339	Female
4		chawchaw@hotmail.com	347-476-2472	347-233-6979	Female
5	347-295-1037	adrianareyesmtz@gmail.com	Luis Pena	347-391-4882	Female
6		Zhuerta67@gmail.com	Corina sinchi	646-664-5533	Female
7					
8		elsy.hinojosa@udem.edu	maria lopez	7132947778	Female
9		Flor-mv2010@hotmail.com	Norma	646-258-7506	Female
	P	Q	R	S	T
	Are you Hispanic, Latino(a), or Brazilian?	Choose any of the options below that describe your ethnic identity. You may choose more than one.	Are you working? Choose one.	Did you study in the United States when you were a child?	What was the highest grade you completed in the US?
1	No	Asian	I work 20 hours a week or r	No	
2	Yes	Latino(a)	I work fewer than 20 hours	No	
3	Yes	Latino(a)	I am not working, but I'm lc	No	
4	No	Asian	I work 20 hours a week or r	No	
5	Yes	Native American, Latino(a)	I work 20 hours a week or r	No	
6	Yes	Latino(a)	I am not working, but I'm lc	No	
7					
8	Yes	Latino(a)	I am not working. I do not v	No	
9	Yes	Latino(a)	I am not working, but I'm lc	No	
10	Yes	Latino(a)	I work 20 hours a week or r	No	
11	No	Asian	I am not working, but I'm lc	No	
12	Yes	Latino(a)	I am not working, but I'm lc	No	

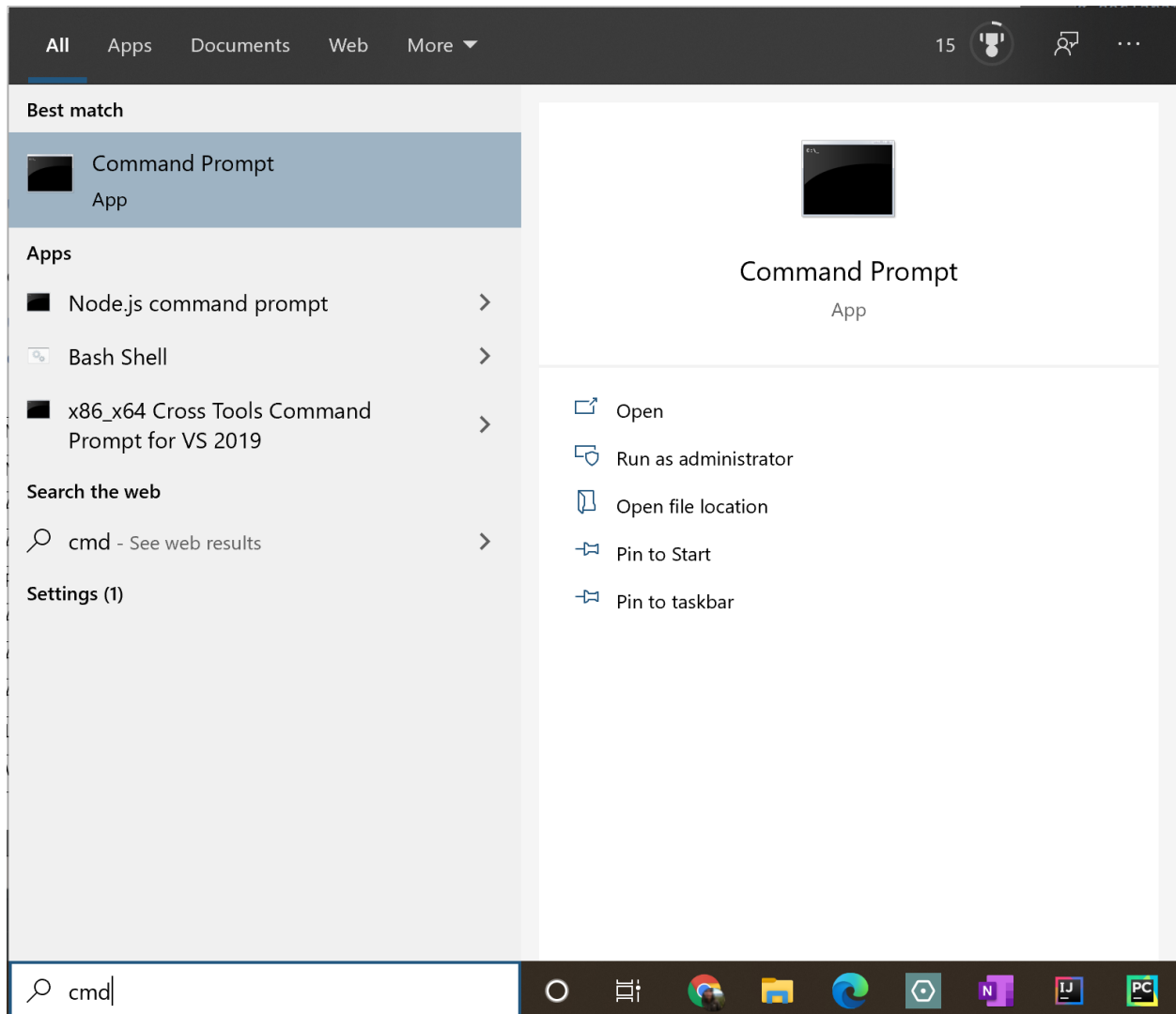
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	U	V	W	X	Y
1	What was the highest grade you completed in the state of New York?	If you studied in the state of New York, what was the name of the last school you attended?	Did you finish high school in your country and receive a diploma?	Did you finish university in your country and receive a diploma?	If you did NOT finish high school in your country, how many years did you study at school?
2			No	No	11
3			Yes	Yes	
4			Yes	Yes	
5			Yes	No	
6			Yes	Yes	
7			Yes	No	
8			Yes	Yes	
9			No	No	12
10			Yes	Yes	
11			Yes	Yes	
12			Yes	No	
	Z	AA	AB	AC	AD
1	Are you taking care of any children who are under the age of 21?	Are you a single parent?	How many children do you have between the ages of 0 and 4 years old?	How many children do you have between the ages of 5 and 10 years old?	How many children do you have between the ages of 11 and 13 years old?
2	No				
3	No				
4	Yes	No	0	2	0
5	Yes	No	0	1	0
6	No				
7	No				
8	No				
9	No				
10	No				
11	Yes	No	2		
12					
	AE	AF	AG	AH	AI
1	How many children do you have between the ages of 14 and 18 years old? Or how many children do you have who are still in high school?	We sometimes have problems that make it difficult for us to study. What are some of the problems you may have? Check all that apply to you.	What times are you generally available from Mondays to Thursdays? The appointment will normally last 30 minutes	Date of BEST + test	Score
2		Low Income, English is NOT your first language. 2:00pm-5:00pm			35
3		English is NOT your first language. 9:30am-1:30pm, 5:00pm-7:30pm			66
4		0 English is NOT your first language. 2:00pm-5:00pm, 5:00pm-7:30pm			60
5		2 You have a learning disability., English is NOT your first language. 2:00pm-5:00pm, 5:00pm-7:30pm		06/10/2020 phone	
6		English is NOT your first language. 2:00pm-5:00pm, 5:00pm-7:30pm			77
7		English is NOT your first language. 9:30am-1:30pm, 2:00pm-5:00pm, 5:00pm-7:30pm			78
8		English is NOT your first language. 9:30am-1:30pm, 5:00pm-7:30pm		6/11/2020 phone	
9		Low Income, English is NOT your first language. 9:30am-1:30pm, 5:00pm-7:30pm		6/11/2020 phone	
10		English is NOT your first language. 9:30am-1:30pm, 5:00pm-7:30pm		6/18/2020 phone	
11		Low Income, English is NOT your first language. 2:00pm-5:00pm		6/16/2020 phone	
12		Single Parent, English is NOT your first language. 2:00pm-5:00pm		6/17/2020 phone	

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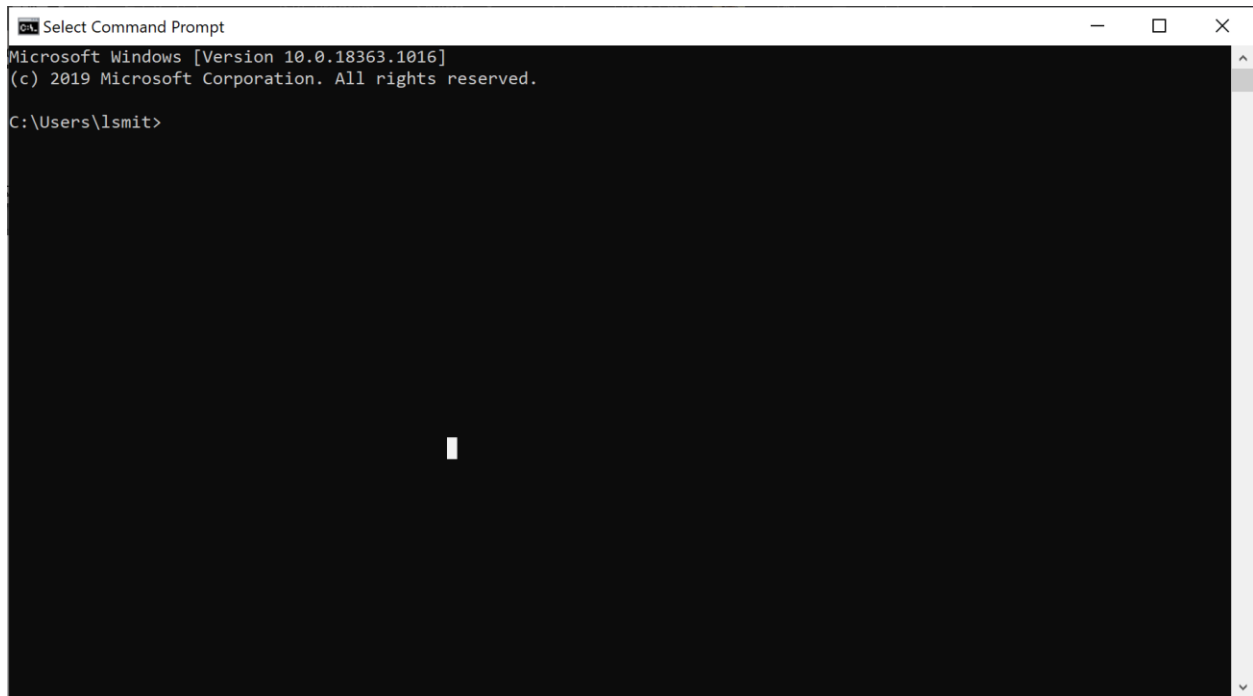
Running on Windows

Go to the command terminal: in the search bar you can type: **cmd** and open the application.



It will bring you to this screen

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



















You need to go to the directory that contains wherever the ISRF information is (creating a separate folder somewhere that has **all** of the files in it is probably best.) If you are not too familiar with using the command terminal, I recommend putting the following files in a subfolder of the Downloads folder because, it is the easiest to navigate to.

Here's the layout you should use.

- Within the main file you are using.
 - ISRF_V1 (10).pdf
 - ISRFExcel.py
 - PersonObject.py
 - v1_isrif.py
 - **A folder name to put the PDFs in [I used *ESOL English ISRF Responses*]**

Excuse all the extra files in the example below, but if you see here the setup is as I described above.

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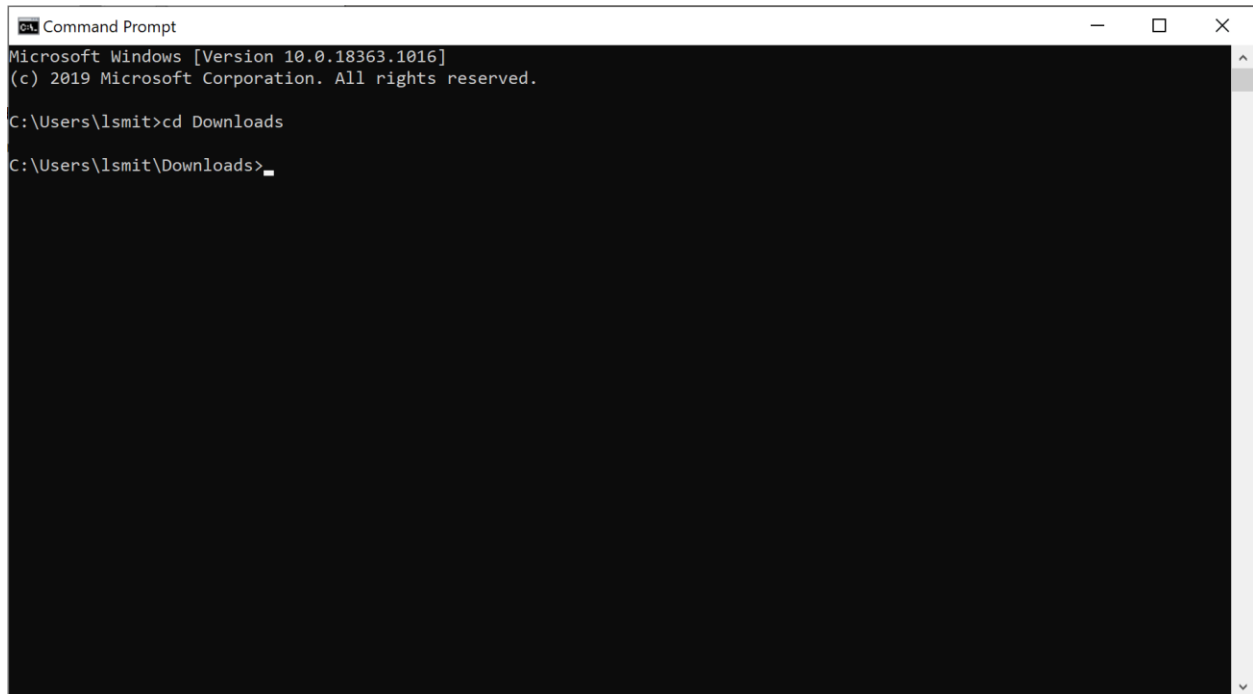
 ESOL French ISRFs	8/10/2020 5:16 PM	File folder
 ESOL Spanish ISRFs	8/10/2020 4:39 PM	File folder
 venv	6/1/2020 4:14 PM	File folder
 2020 ISRF	6/1/2020 5:38 PM	Microsoft Edge PDF ...
 2020 ISRF_English Fillable	6/2/2020 3:35 PM	Microsoft Edge PDF ...
 2020 ISRF_English	6/1/2020 4:07 PM	Microsoft Edge PDF ...
 Adjustments	9/8/2020 12:37 PM	Text Document
 allwroganswers	6/17/2020 7:14 PM	Microsoft Edge PDF ...
 ESOL English ISRF Responses 2-146	8/10/2020 4:48 PM	Microsoft Excel Work...
 ESOL ENGLISH Round 2	8/10/2020 4:25 PM	Microsoft Excel Work...
 ESOL French responses round 1	8/10/2020 5:05 PM	Microsoft Excel Work...
 ESOL Spanish responses round 2	8/10/2020 4:38 PM	Microsoft Excel Work...
 FRENCH TRANSLATIONS	9/8/2020 8:28 PM	Text Document
 ISRF V1	6/8/2020 7:16 PM	Microsoft Edge PDF ...
 ISRF with Checks	6/2/2020 5:49 PM	Microsoft Edge PDF ...
 ISRF_TASC_1_23	6/22/2020 5:15 PM	Microsoft Excel Work...
 ISRF_V1 (7)	6/8/2020 7:58 PM	Microsoft Edge PDF ...
 ISRF_V1 (8)	6/9/2020 3:43 PM	Microsoft Edge PDF ...
 ISRF_V1 (9)	6/9/2020 3:50 PM	Microsoft Edge PDF ...
 ISRF_V1 (10)	6/9/2020 3:53 PM	Microsoft Edge PDF ...
 ISRF_V2	6/8/2020 7:28 PM	Microsoft Edge PDF ...
 ISRFExcel	9/3/2020 10:17 AM	JetBrains PyCharm C...
 Jose Marti	6/17/2020 7:14 PM	Microsoft Edge PDF ...
 notes	7/6/2020 10:21 PM	File
 NYS ISRF Responses	6/15/2020 4:08 PM	Microsoft Excel Work...
 NYSISRF	6/8/2020 3:24 PM	Microsoft Excel Work...
 output	6/15/2020 3:54 PM	Microsoft Edge PDF ...
 PersonObject	8/10/2020 5:04 PM	JetBrains PyCharm C...
 scrub	6/15/2020 3:54 PM	JetBrains PyCharm C...
 SPAN ISRF 1-83	7/7/2020 8:39 PM	Microsoft Excel Work...
 TASC ISRF 1-280	7/1/2020 4:09 PM	Microsoft Excel Work...
 Test1Lasname	6/17/2020 7:14 PM	Microsoft Edge PDF ...
 Test1LastNTest	6/17/2020 7:14 PM	Microsoft Edge PDF ...
 updatedout	6/9/2020 3:35 PM	Microsoft Edge PDF ...
 v1_isrf	9/8/2020 12:36 PM	JetBrains PyCharm C...

Navigate with the command terminal to the downloads folder.

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Using the command **cd Downloads**, sends you to “change [the] directory” to the Downloads folder (hence CD is used).

From there you are here:

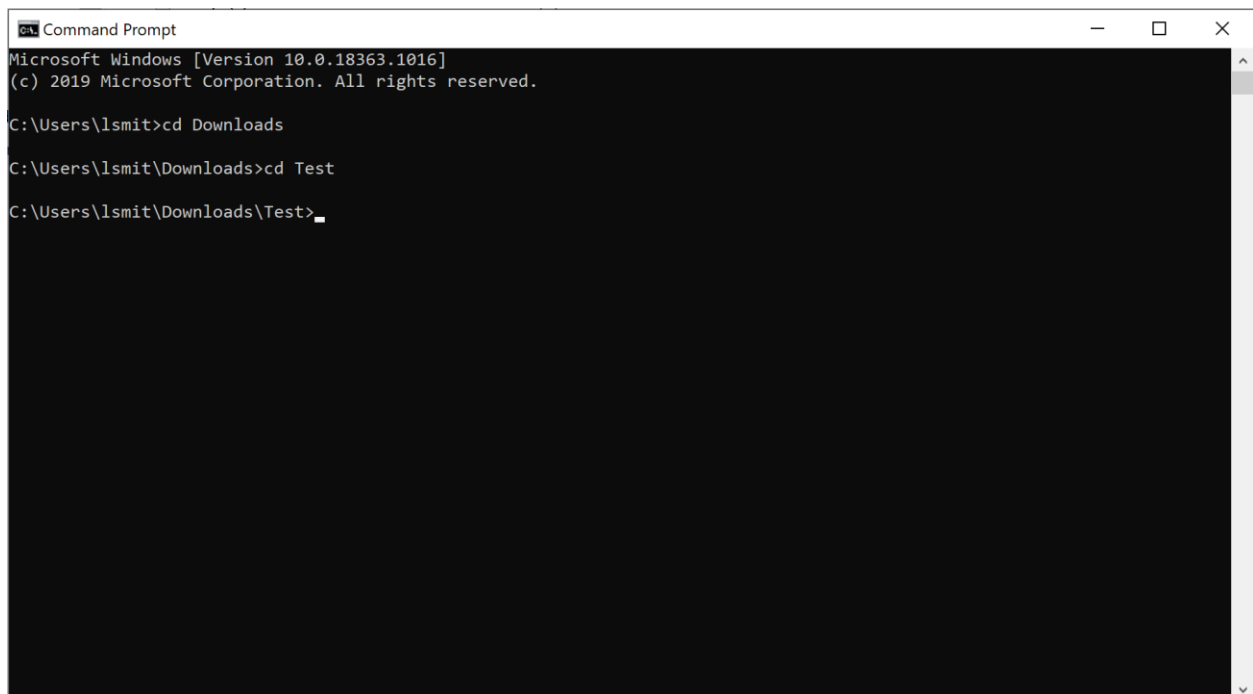
A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The window content shows the following text: "Microsoft Windows [Version 10.0.18363.1016]", "(c) 2019 Microsoft Corporation. All rights reserved.", "C:\Users\lsmit>cd Downloads", and "C:\Users\lsmit\Downloads>". The prompt is at the end of the last line.

```
Microsoft Windows [Version 10.0.18363.1016]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\lsmit>cd Downloads

C:\Users\lsmit\Downloads>
```

Then change the directory again to the folder where you are holding everything: If I am holding everything in a folder called Test, then it will look like this:

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The window content shows the following text: "Microsoft Windows [Version 10.0.18363.1016]", "(c) 2019 Microsoft Corporation. All rights reserved.", "C:\Users\lsmit>cd Downloads", "C:\Users\lsmit\Downloads>cd Test", and "C:\Users\lsmit\Downloads\Test>". The prompt is at the end of the last line.

```
Microsoft Windows [Version 10.0.18363.1016]
(c) 2019 Microsoft Corporation. All rights reserved.

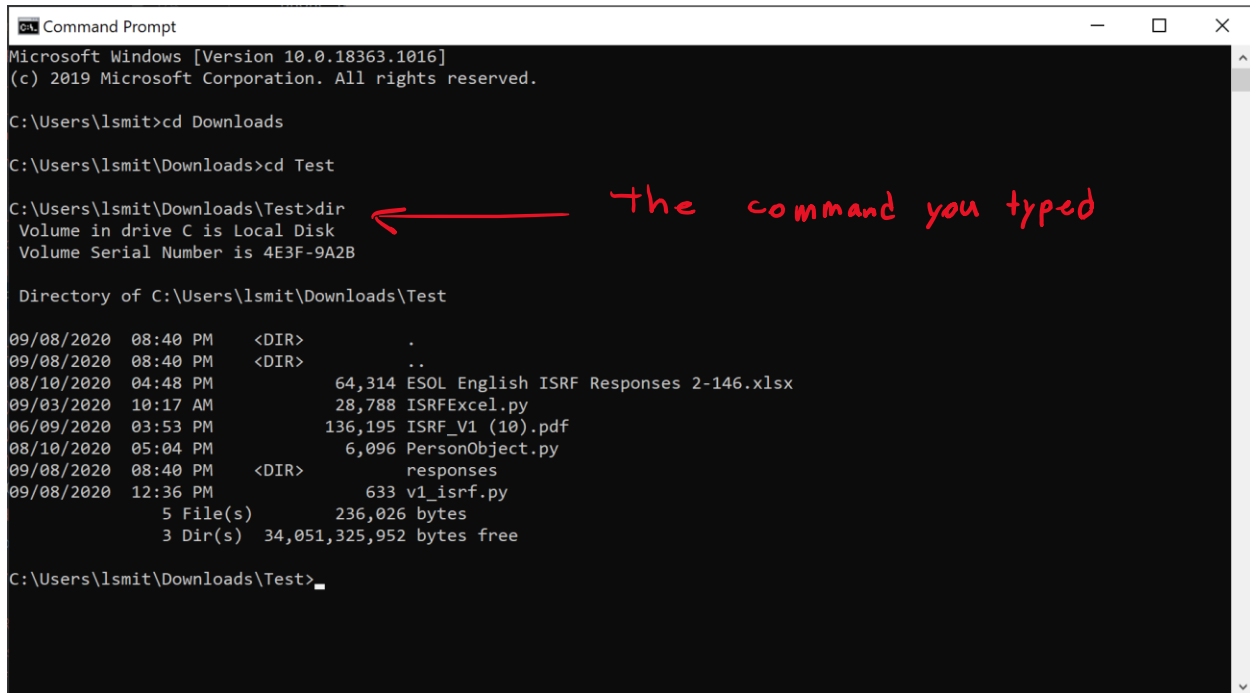
C:\Users\lsmit>cd Downloads

C:\Users\lsmit\Downloads>cd Test

C:\Users\lsmit\Downloads\Test>
```

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If you want to make sure you are in the right folder, you can type **dir** which will show the directory of everything in the current folder. If I am in the Test folder as above, all of my files are there with another subfolder I made called “responses” where I will store all of the filled-out responses, once the program is run.



The screenshot shows a Windows Command Prompt window with the following text:

```
Microsoft Windows [Version 10.0.18363.1016]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\lsmit>cd Downloads
C:\Users\lsmit\Downloads>cd Test
C:\Users\lsmit\Downloads\Test>dir
Volume in drive C is Local Disk
Volume Serial Number is 4E3F-9A2B

Directory of C:\Users\lsmit\Downloads\Test

09/08/2020  08:40 PM    <DIR>          .
09/08/2020  08:40 PM    <DIR>          ..
08/10/2020  04:48 PM             64,314 ESOL English ISRF Responses 2-146.xlsx
09/03/2020  10:17 AM             28,788 ISRFExcel.py
06/09/2020  03:53 PM            136,195 ISRF_V1 (10).pdf
08/10/2020  05:04 PM             6,096 PersonObject.py
09/08/2020  08:40 PM    <DIR>          responses
09/08/2020  12:36 PM             633 v1_isrf.py
           5 File(s)          236,026 bytes
           3 Dir(s)  34,051,325,952 bytes free

C:\Users\lsmit\Downloads\Test>
```

A red arrow points from the handwritten text "The command you typed" to the `dir` command in the Command Prompt.

To run the program, you need to call python and then some arguments (telling python what it needs).

The setup is:

*python v1_isrf.py "EXCEL FILE OF THE RESPONSES.xlsx" folderWhereYouArePuttingPDFS
theRowOfTheFirstStudentYouWantAnExcelFor EndingRowInExcelFile LanguageOfResponsesInAllCaps*

After it will print the list of pdfs it is creating.

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```
Command Prompt
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\lsmit>cd Downloads
C:\Users\lsmit\Downloads>cd Test
C:\Users\lsmit\Downloads\Test>dir
Volume in drive C is Local Disk
Volume Serial Number is 4E3F-9A2B

Directory of C:\Users\lsmit\Downloads\Test

09/08/2020  08:44 PM    <DIR>          .
09/08/2020  08:44 PM    <DIR>          ..
08/10/2020  04:48 PM             64,314 ESOL English ISRF Responses 2-146.xlsx
09/03/2020  10:17 AM             28,788 ISRFExcel.py
06/09/2020  03:53 PM            136,195 ISRF_V1 (10).pdf
08/10/2020  05:04 PM             6,096 PersonObject.py
09/08/2020  08:45 PM    <DIR>          responses
09/08/2020  12:36 PM             633 v1_isrf.py
09/08/2020  08:44 PM    <DIR>          __pycache__
                    5 File(s)          236,026 bytes
                    4 Dir(s)  34,046,119,936 bytes free

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 ENGLISH
0 HTIN LIN ISRF.pdf
1 Kusi Castillo ISRF.pdf
2 Magali Gomez Paz ISRF.pdf
C:\Users\lsmit\Downloads\Test>
```

it prints the PDFs it creates →

→ *the start of my command*

You might encounter something like this:

```
Command Prompt - python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH

C:\Users\lsmit\Downloads>cd Test
C:\Users\lsmit\Downloads\Test>dir
Volume in drive C is Local Disk
Volume Serial Number is 4E3F-9A2B

Directory of C:\Users\lsmit\Downloads\Test

09/08/2020  08:44 PM    <DIR>          .
09/08/2020  08:44 PM    <DIR>          ..
08/10/2020  04:48 PM             64,314 ESOL English ISRF Responses 2-146.xlsx
09/03/2020  10:17 AM             28,788 ISRFExcel.py
06/09/2020  03:53 PM            136,195 ISRF_V1 (10).pdf
08/10/2020  05:04 PM             6,096 PersonObject.py
09/08/2020  08:45 PM    <DIR>          responses
09/08/2020  12:36 PM             633 v1_isrf.py
09/08/2020  08:44 PM    <DIR>          __pycache__
                    5 File(s)          236,026 bytes
                    4 Dir(s)  34,046,119,936 bytes free

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 ENGLISH
0 HTIN LIN ISRF.pdf
1 Kusi Castillo ISRF.pdf
2 Magali Gomez Paz ISRF.pdf

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH
Possible code values: dict_values(['HOME', 'HM', 'D', 'LI', 'MIG', 'LD', 'RA', 'ESL', 'EO', 'FC', 'CB', 'CB', 'UE', 'TAN
F', 'TANF', 'SP', 'HM', 'HM'])
Not recognized French learning barrier: Low Income please enter the code manually:
```

In this case we told the program that French was the language for the responses and it encountered an error where it did not find a learning barrier in French, from the responses. In a case like this you have to

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enter the code that the corresponding phrase is. The code list is in the next section. The codes are pretty much the first letter of each word in the phrase.

```
Command Prompt - python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH

C:\Users\lsmit\Downloads>cd Test

C:\Users\lsmit\Downloads\Test>dir
Volume in drive C is Local Disk
Volume Serial Number is 4E3F-9A2B

Directory of C:\Users\lsmit\Downloads\Test

09/08/2020  08:44 PM    <DIR>          .
09/08/2020  08:44 PM    <DIR>          ..
08/10/2020  04:48 PM             64,314 ESOL English ISRF Responses 2-146.xlsx
09/03/2020  10:17 AM             28,788 ISRFExcel.py
06/09/2020  03:53 PM            136,195 ISRF_V1 (10).pdf
08/10/2020  05:04 PM             6,096 PersonObject.py
09/08/2020  08:45 PM    <DIR>          responses
09/08/2020  12:36 PM             633 v1_isrf.py
09/08/2020  08:44 PM    <DIR>          __pycache__
                    5 File(s)          236,026 bytes
                    4 Dir(s)  34,046,119,936 bytes free

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 ENGLISH
0 HTIN LIN ISRF.pdf
1 Kusi Castillo ISRF.pdf
2 Magali Gomez Paz ISRF.pdf

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH
Possible code values: dict_values(['HOME', 'HM', 'D', 'LI', 'MIG', 'LD', 'RA', 'ESL', 'EO', 'FC', 'CB', 'CB', 'UE', 'TAN
F', 'TANF', 'SP', 'HM', 'HM'])
Not recognized French learning barrier: Low Income please enter the code manually:
```

^ It tells you what the input was (circled in red) type in the appropriate code in caps, then press enter.

```
Command Prompt - python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH

C:\Users\lsmit\Downloads>cd Test

C:\Users\lsmit\Downloads\Test>dir
Volume in drive C is Local Disk
Volume Serial Number is 4E3F-9A2B

Directory of C:\Users\lsmit\Downloads\Test

09/08/2020  08:44 PM    <DIR>          .
09/08/2020  08:44 PM    <DIR>          ..
08/10/2020  04:48 PM             64,314 ESOL English ISRF Responses 2-146.xlsx
09/03/2020  10:17 AM             28,788 ISRFExcel.py
06/09/2020  03:53 PM            136,195 ISRF_V1 (10).pdf
08/10/2020  05:04 PM             6,096 PersonObject.py
09/08/2020  08:45 PM    <DIR>          responses
09/08/2020  12:36 PM             633 v1_isrf.py
09/08/2020  08:44 PM    <DIR>          __pycache__
                    5 File(s)          236,026 bytes
                    4 Dir(s)  34,046,119,936 bytes free

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 ENGLISH
0 HTIN LIN ISRF.pdf
1 Kusi Castillo ISRF.pdf
2 Magali Gomez Paz ISRF.pdf

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH
Possible code values: dict_values(['HOME', 'HM', 'D', 'LI', 'MIG', 'LD', 'RA', 'ESL', 'EO', 'FC', 'CB', 'CB', 'UE', 'TAN
F', 'TANF', 'SP', 'HM', 'HM'])
Not recognized French learning barrier: Low Income please enter the code manually: LI
```

Example 2:

Updated: 4/27/2021

```
Command Prompt - python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH
C:\Users\lsmit\Downloads\Test>dir
Volume in drive C is Local Disk
Volume Serial Number is 4E3F-9A2B

Directory of C:\Users\lsmit\Downloads\Test

09/08/2020  08:44 PM    <DIR>          .
09/08/2020  08:44 PM    <DIR>          ..
08/10/2020  04:48 PM             64,314 ESOL English ISRF Responses 2-146.xlsx
09/03/2020  10:17 AM             28,788 ISRFExcel.py
06/09/2020  03:53 PM            136,195 ISRF_V1 (10).pdf
08/10/2020  05:04 PM             6,096 PersonObject.py
09/08/2020  08:45 PM    <DIR>          responses
09/08/2020  12:36 PM             633 v1_isrf.py
09/08/2020  08:44 PM    <DIR>          __pycache__
                    5 File(s)          236,026 bytes
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C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 ENGLISH
0 HTIN LIN ISRF.pdf
1 Kusi Castillo ISRF.pdf
2 Magali Gomez Paz ISRF.pdf

C:\Users\lsmit\Downloads\Test>python v1_isrf.py "ESOL English ISRF Responses 2-146.xlsx" responses 2 4 FRENCH
Possible code values: dict_values(['HOME', 'HM', 'D', 'LI', 'MIG', 'LD', 'RA', 'ESL', 'EO', 'FC', 'CB', 'CB', 'UE', 'TAN
F', 'TANF', 'SP', 'HM', 'HM'])
Not recognized French learning barrier: Low Income please enter the code manually: LI
Possible code values: dict_values(['HOME', 'HM', 'D', 'LI', 'MIG', 'LD', 'RA', 'ESL', 'EO', 'FC', 'CB', 'CB', 'UE', 'TAN
F', 'TANF', 'SP', 'HM', 'HM'])
Not recognized French learning barrier: English is NOT your first language. please enter the code manually: ESL
```

Above ^ it was telling me learning barriers like “English is NOT your first language” as an unrecognized learning barrier because I told the program I was using French. You must tell the program the correct language. If there are any problems with languages, (i.e. you use French and the French phrase it not recognized), send an email to me (lucassmith.ci@gmail.com) so I can fix it.

Running on iOS/Mac

Code Designations (Ethnicities, Employment, Learning Barriers)

HOME	Homeless or living in a shelter
HM	You used to take care of the home or children but now you must find a job.
D	Disabled
LI	Low Income
MIG	You only work during certain seasons.
LD	You have a learning disability.
RA	You ran away from your home when you were a child or teenager.
ESL	English is NOT your first language.
EO	You spent time in prison.

Updated: 4/27/2021

FC	You used to be in foster care.
CB	The educational system in your country was very different or you never studied in your country
UE	You have been unemployed for many years.
TANF	Your TANF (Temporary Assistance for Needy Families) will end within the next two years.
SP	Single Parent

NH	Native Hawaiian
NA	Native American
AN	Alaskan Native
AF	African
PI	Pacific Islander
AC	Afro-Caribbean
AA	African American
AS	Asian
L	Latino
W	White

Homeless or living in a shelter	
You used to take care of the home or children but now you must find a job.	French
Disabled	French
Low Income	
You only work during certain seasons.	French
You have a learning disability.	French
You ran away from your home when you were a child or teenager.	French
English is NOT your first language.	
You spent time in prison.	Spanish
You used to be in foster care.	Spanish, French

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The educational system in your country was very different or you never studied in your country	
You have been unemployed for many years.	
Your TANF (Temporary Assistance for Needy Families will end within the next two years.	Spanish, French
Single Parent	

Employment Codes:

FT	Full Time
PT	Part Time
NT	Notice of Termination
UE	Unemployed
UA	Not Available [for employment]

Function Calls

Program Architecture

Possible Errors You Might Face

Some things you can check:

1. When you enter the excel file as an “argument” into the system, you give it quotes and label it as **.xlsx**

“ESOL Spanish Responses FA20.xlsx” ← correct

ESOL Spanish Responses FA20.xlsx ← incorrect, use quotes

Empty rows – won’t run

Arguments must be exact rows (2-60)

Birthdays not formatted (wrong year)

Updated: 4/27/2021

Address

Improvement + printout +2 to show the row number. , show tally at end of all pdfs made (count)