Assignment #3

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Exercise #15

PS D:\afs505\_u1\assignment3> python ex15.py .\ex15\_sample.txt

Here's your file .\ex15\_sample.txt:

This is stuff I typed in to a file.

It is really cool stuff.

Lots and lots of fun to have in here.

Type the filename again:

>ex15\_sample.txt

This is stuff I typed in to a file.

It is really cool stuff.

Lots and lots of fun to have in here.

Exercise #16

PS D:\afs505\_u1\assignment3> python ex16.py .\ex16\_sample.txt

We're going to erase .\ex16\_sample.txt.

If you don't want that, hit CTRL-C (^C).

If you do want that, hit RETURN.

?

Opening the file...

Truncating the file. Goodbye!

Now I'm going to ask you for three lines.

line 1:Mary had a little lamb.

line 2:It's fleece was white as snow

line 3:It was also tasty

I'm going to write these to the file.

And finally, we close it.

**\*Study drills question#2:**

To read and argv the file just created, add the following code to the end of the previously created scipt:

from sys import argv

script, filename = argv

text = open(filename)

print(text.read())

Output:

PS D:\afs505\_u1\assignment3> python ex16.py .\ex16\_sample.txt

We're going to erase .\ex16\_sample.txt.

If you don't want that, hit CTRL-C (^C).

If you do want that, hit RETURN.

?

Opening the file...

Truncating the file. Goodbye!

Now I'm going to ask you for three lines.

line 1:Mary had a little lamb

line 2:It's fleece was white as snow

line 3:It was also tasty

I'm going to write these to the file.

And finally, we close it.

Mary had a little lamb

It's fleece was white as snow

It was also tasty

**\*Study drills question#3:**

target.write(f"{line1} \n{line2} \n{line3}\n")

Exercise #17

PS D:\afs505\_u1\assignment3> echo "This is a test file" > test.txt

>>

PS D:\afs505\_u1\assignment3> cat test.txt

This is a test file

PS D:\afs505\_u1\assignment3>

PS D:\afs505\_u1\assignment3> python ex17.py test.txt new\_file.txt

Copying from test.txt to new\_file.txt

The Input file is 44 bytes long

Does the output file exist?False

Ready, hit RETURN to continue, CTRL\_C to abort

Alright, all done

Exercise #18

PS D:\afs505\_u1\assignment3> python ex18.py

arg1:Zed, arg2: Shaw

arg1:Zed, arg2: Shaw

arg1:First!

I got nothin'.

Exercise #19

PS D:\afs505\_u1\assignment3> python ex19.py

We can just give the function numbers directly:

You have 20 cheeses!

You have 30 boxes of crackers!

Man that's enough for a party!

Get a blanket.

OR, we can use variables from our script:

You have 10 cheeses!

You have 50 boxes of crackers!

Man that's enough for a party!

Get a blanket.

We can even do math inside too:

You have 30 cheeses!

You have 11 boxes of crackers!

Man that's enough for a party!

Get a blanket.

and we can combine the two, variables and math:

You have 110 cheeses!

You have 1050 boxes of crackers!

Man that's enough for a party!

Get a blanket.

Exercise #20

PS D:\afs505\_u1\assignment3> python ex20.py test.txt

First let's print the whole file:

This is line 1

This is line 2

This is line 3

Now let's rewind, kind of like tape.

Let's print three lines:

1 This is line 1

2 This is line 2

3 This is line 3

Exercise #21

PS D:\afs505\_u1\assignment3> python ex21.py

Let's do some math with just functions!

Adding 30 +5

Subtracting 78 - 4

Multiplying 90 \* 2

Dividing 100 / 2

Age: 35, Height: 74, Weight:180, IQ:50.0

Here is a puzzle

Dividing 50.0 / 2

Multiplying 180 \* 25.0

Subtracting 74 - 4500.0

Adding 35 +-4426.0

That becomes: -4391.0 Can you do it by hand?

Exercise #22

\*no code or output

Exercise #23

PS D:\afs505\_u1\assignment3> python ex23.py utf-8 strict

b'Afrikaans' <===> Afrikaans

b'\xc3\xa1\xc5\xa0 \xc3\xa1\xcb\x86\xe2\x80\xba\xc3\xa1\xcb\x86\xc2\xad\xc3\xa1\xc5\xa0\xe2\x80\xba' <===> áŠ áˆ›áˆ­áŠ›

b'\xc3\x90\xc2\x90\xc3\x92\xc2\xa7\xc3\x91\xc2\x81\xc3\x91\xcb\x86\xc3\x93\xe2\x84\xa2\xc3\x90\xc2\xb0' <===> ÐÒ§ÑÑˆÓ™Ð°

b'\xc3\x98\xc2\xa7\xc3\x99\xe2\x80\x9e\xc3\x98\xc2\xb9\xc3\x98\xc2\xb1\xc3\x98\xc2\xa8\xc3\x99\xc5\xa0\xc3\x98\xc2\xa9' <===> Ø§Ù„Ø¹Ø±Ø¨ÙŠØ©

b'Aragon\xc3\x83\xc2\xa9s' <===> AragonÃ©s

b'Arpetan' <===> Arpetan

b'Az\xc3\x89\xe2\x84\xa2rbaycanca' <===> AzÉ™rbaycanca

b'Bamanankan' <===> Bamanankan

b'\xc3\xa0\xc2\xa6\xc2\xac\xc3\xa0\xc2\xa6\xc2\xbe\xc3\xa0\xc2\xa6\xe2\x80\x9a\xc3\xa0\xc2\xa6\xc2\xb2\xc3\xa0\xc2\xa6\xc2\xbe' <===> à¦¬à¦¾à¦‚à¦²à¦¾

b'B\xc3\x83\xc2\xa2n-l\xc3\x83\xc2\xa2m-g\xc3\x83\xc2\xba' <===> BÃ¢n-lÃ¢m-gÃº

b'\xc3\x90\xe2\x80\x98\xc3\x90\xc2\xb5\xc3\x90\xc2\xbb\xc3\x90\xc2\xb0\xc3\x91\xe2\x82\xac\xc3\x91\xc6\x92\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb0\xc3\x91\xc2\x8f' <===> Ð‘ÐµÐ»Ð°Ñ€ÑƒÑÐºÐ°Ñ

b'\xc3\x90\xe2\x80\x98\xc3\x91\xc5\xa0\xc3\x90\xc2\xbb\xc3\x90\xc2\xb3\xc3\x90\xc2\xb0\xc3\x91\xe2\x82\xac\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8' <===> Ð‘ÑŠÐ»Ð³Ð°Ñ€ÑÐºÐ¸

b'Boarisch' <===> Boarisch

b'Bosanski' <===> Bosanski

b'\xc3\x90\xe2\x80\x98\xc3\x91\xc6\x92\xc3\x91\xe2\x82\xac\xc3\x91\xc2\x8f\xc3\x90\xc2\xb0\xc3\x90\xc2\xb4' <===> Ð‘ÑƒÑ€ÑÐ°Ð´

b'Catal\xc3\x83' <===> CatalÃ

b'\xc3\x90\xc2\xa7\xc3\x93\xe2\x80\x98\xc3\x90\xc2\xb2\xc3\x90\xc2\xb0\xc3\x91\xcb\x86\xc3\x90\xc2\xbb\xc3\x90\xc2\xb0' <===> Ð§Ó‘Ð²Ð°ÑˆÐ»Ð°

b'\xc3\x84\xc5\x92e\xc3\x85\xc2\xa1tina' <===> ÄŒeÅ¡tina

b'Cymraeg' <===> Cymraeg

b'Dansk' <===> Dansk

b'Deutsch' <===> Deutsch

b'Eesti' <===> Eesti

b'\xc3\x8e\xe2\x80\xa2\xc3\x8e\xc2\xbb\xc3\x8e\xc2\xbb\xc3\x8e\xc2\xb7\xc3\x8e\xc2\xbd\xc3\x8e\xc2\xb9\xc3\x8e\xc2\xba\xc3\x8e\xc2\xac' <===> Î•Î»Î»Î·Î½Î¹ÎºÎ¬

b'Espa\xc3\x83\xc2\xb1ol' <===> EspaÃ±ol

b'Esperanto' <===> Esperanto

b'\xc3\x99\xc2\x81\xc3\x98\xc2\xa7\xc3\x98\xc2\xb1\xc3\x98\xc2\xb3\xc3\x9b\xc5\x92' <===> ÙØ§Ø±Ø³ÛŒ

b'Fran\xc3\x83\xc2\xa7ais' <===> FranÃ§ais

b'Frysk' <===> Frysk

b'Gaelg' <===> Gaelg

b'G\xc3\x83 idhlig' <===> GÃ idhlig

b'Galego' <===> Galego

b'\xc3\xad\xe2\x80\xa2\xc5\x93\xc3\xaa\xc2\xb5\xc2\xad\xc3\xac\xe2\x80\x93\xc2\xb4' <===> í•œêµ­ì–´

b'\xc3\x95\xe2\x82\xac\xc3\x95\xc2\xa1\xc3\x95\xc2\xb5\xc3\x95\xc2\xa5\xc3\x96\xe2\x82\xac\xc3\x95\xc2\xa5\xc3\x95\xc2\xb6' <===> Õ€Õ¡ÕµÕ¥Ö€Õ¥Õ¶

b'\xc3\xa0\xc2\xa4\xc2\xb9\xc3\xa0\xc2\xa4\xc2\xbf\xc3\xa0\xc2\xa4\xc2\xa8\xc3\xa0\xc2\xa5\xc2\x8d\xc3\xa0\xc2\xa4\xc2\xa6\xc3\xa0\xc2\xa5\xe2\x82\xac' <===> à¤¹à¤¿à¤¨à¥à¤¦à¥€

b'Hrvatski' <===> Hrvatski

b'Ido' <===> Ido

b'Interlingua' <===> Interlingua

b'Italiano' <===> Italiano

b'\xc3\x97\xc2\xa2\xc3\x97\xe2\x80\x98\xc3\x97\xc2\xa8\xc3\x97\xe2\x84\xa2\xc3\x97\xc2\xaa' <===> ×¢×‘×¨×™×ª

b'\xc3\xa0\xc2\xb2\xe2\x80\xa2\xc3\xa0\xc2\xb2\xc2\xa8\xc3\xa0\xc2\xb3\xc2\x8d\xc3\xa0\xc2\xb2\xc2\xa8\xc3\xa0\xc2\xb2\xc2\xa1' <===> à²•à²¨à³à²¨à²¡

b'Kapampangan' <===> Kapampangan

b'\xc3\xa1\xc6\x92\xc2\xa5\xc3\xa1\xc6\x92\xc2\x90\xc3\xa1\xc6\x92 \xc3\xa1\xc6\x92\xe2\x80\x94\xc3\xa1\xc6\x92\xc2\xa3\xc3\xa1\xc6\x92\xc5\xa1\xc3\xa1\xc6\x92\xcb\x9c' <===> áƒ¥áƒáƒ áƒ—áƒ£áƒšáƒ˜

b'\xc3\x92\xc5\xa1\xc3\x90\xc2\xb0\xc3\x90\xc2\xb7\xc3\x90\xc2\xb0\xc3\x92\xe2\x80\xba\xc3\x91\xcb\x86\xc3\x90\xc2\xb0' <===> ÒšÐ°Ð·Ð°Ò›ÑˆÐ°

b'Krey\xc3\x83\xc2\xb2l ayisyen' <===> KreyÃ²l ayisyen

b'Latga\xc3\x84\xc2\xbcu' <===> LatgaÄ¼u

b'Latina' <===> Latina

b'Latvie\xc3\x85\xc2\xa1u' <===> LatvieÅ¡u

b'L\xc3\x83\xc2\xabtzebuergesch' <===> LÃ«tzebuergesch

b'Lietuvi\xc3\x85\xc2\xb3' <===> LietuviÅ³

b'Magyar' <===> Magyar

b'\xc3\x90\xc5\x93\xc3\x90\xc2\xb0\xc3\x90\xc2\xba\xc3\x90\xc2\xb5\xc3\x90\xc2\xb4\xc3\x90\xc2\xbe\xc3\x90\xc2\xbd\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8' <===> ÐœÐ°ÐºÐµÐ´Ð¾Ð½ÑÐºÐ¸

b'Malti' <===> Malti

b'\xc3\xa0\xc2\xa4\xc2\xae\xc3\xa0\xc2\xa4\xc2\xb0\xc3\xa0\xc2\xa4\xc2\xbe\xc3\xa0\xc2\xa4 \xc3\xa0\xc2\xa5\xe2\x82\xac' <===> à¤®à¤°à¤¾à¤ à¥€

b'\xc3\xa1\xc6\x92\xe2\x80\xba\xc3\xa1\xc6\x92\xc2\x90\xc3\xa1\xc6\x92 \xc3\xa1\xc6\x92\xe2\x80\x99\xc3\xa1\xc6\x92\xc2\x90\xc3\xa1\xc6\x92\xc5\xa1\xc3\xa1\xc6\x92\xc2\xa3\xc3\xa1\xc6\x92 \xc3\xa1\xc6\x92\xcb\x9c' <===> áƒ›áƒáƒ áƒ’áƒáƒšáƒ£áƒ áƒ˜

b'\xc3\x99\xe2\x80\xa6\xc3\x98\xc2\xa7\xc3\x98\xc2\xb2\xc3\x99\xc2\x90\xc3\x98\xc2\xb1\xc3\x99\xcb\x86\xc3\x99\xe2\x80\xa0\xc3\x9b\xc5\x92' <===> Ù…Ø§Ø²ÙØ±ÙˆÙ†ÛŒ

b'Bahasa Melayu' <===> Bahasa Melayu

b'\xc3\x90\xc5\x93\xc3\x90\xc2\xbe\xc3\x90\xc2\xbd\xc3\x90\xc2\xb3\xc3\x90\xc2\xbe\xc3\x90\xc2\xbb' <===> ÐœÐ¾Ð½Ð³Ð¾Ð»

b'Nederlands' <===> Nederlands

b'\xc3\xa0\xc2\xa4\xc2\xa8\xc3\xa0\xc2\xa5\xe2\x80\xa1\xc3\xa0\xc2\xa4\xc2\xaa\xc3\xa0\xc2\xa4\xc2\xbe\xc3\xa0\xc2\xa4\xc2\xb2 \xc3\xa0\xc2\xa4\xc2\xad\xc3\xa0\xc2\xa4\xc2\xbe\xc3\xa0\xc2\xa4\xc2\xb7\xc3\xa0\xc2\xa4\xc2\xbe' <===> à¤¨à¥‡à¤ªà¤¾à¤² à¤­à¤¾à¤·à¤¾

b'\xc3\xa6\xe2\x80\x94\xc2\xa5\xc3\xa6\xc5\x93\xc2\xac\xc3\xa8\xc2\xaa\xc5\xbe' <===> æ—¥æœ¬èªž

b'Norsk bokm\xc3\x83\xc2\xa5l' <===> Norsk bokmÃ¥l

b'Nouormand' <===> Nouormand

b'Occitan' <===> Occitan

b'O\xc3\x8a\xc2\xbbzbekcha/\xc3\x91\xc5\xbe\xc3\x90\xc2\xb7\xc3\x90\xc2\xb1\xc3\x90\xc2\xb5\xc3\x90\xc2\xba\xc3\x91\xe2\x80\xa1\xc3\x90\xc2\xb0' <===> OÊ»zbekcha/ÑžÐ·Ð±ÐµÐºÑ‡Ð°

b'\xc3\xa0\xc2\xa8\xc2\xaa\xc3\xa0\xc2\xa9\xc2\xb0\xc3\xa0\xc2\xa8\xc5\x93\xc3\xa0\xc2\xa8\xc2\xbe\xc3\xa0\xc2\xa8\xc2\xac\xc3\xa0\xc2\xa9\xe2\x82\xac' <===> à¨ªà©°à¨œà¨¾à¨¬à©€

b'\xc3\x99\xc2\xbe\xc3\x99\xe2\x80\xa0\xc3\x98\xc2\xac\xc3\x98\xc2\xa7\xc3\x98\xc2\xa8\xc3\x9b\xc5\x92' <===> Ù¾Ù†Ø¬Ø§Ø¨ÛŒ

b'\xc3\x99\xc2\xbe\xc3\x9a\xc5\xa1\xc3\x98\xc2\xaa\xc3\x99\xcb\x86' <===> Ù¾ÚšØªÙˆ

b'Plattd\xc3\x83\xc2\xbc\xc3\x83\xc2\xbctsch' <===> PlattdÃ¼Ã¼tsch

b'Polski' <===> Polski

b'Portugu\xc3\x83\xc2\xaas' <===> PortuguÃªs

b'Rom\xc3\x83\xc2\xa2n\xc3\x84\xc6\x92' <===> RomÃ¢nÄƒ

b'Romani' <===> Romani

b'\xc3\x90 \xc3\x91\xc6\x92\xc3\x91\xc2\x81\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8\xc3\x90\xc2\xb9' <===> Ð ÑƒÑÑÐºÐ¸Ð¹

b'Seeltersk' <===> Seeltersk

b'Shqip' <===> Shqip

b'Simple English' <===> Simple English

b'Sloven\xc3\x84\xc2\x8dina' <===> SlovenÄina

b'\xc3\x9a\xc2\xa9\xc3\x99\xcb\x86\xc3\x98\xc2\xb1\xc3\x98\xc2\xaf\xc3\x9b\xc5\x92\xc3\x9b\xc5\x92 \xc3\x99\xe2\x80\xa0\xc3\x98\xc2\xa7\xc3\x99\xcb\x86\xc3\x9b\xe2\x80\xa2\xc3\x99\xe2\x80\xa0\xc3\x98\xc2\xaf\xc3\x9b\xc5\x92' <===> Ú©ÙˆØ±Ø¯ÛŒÛŒ Ù†Ø§ÙˆÛ•Ù†Ø¯ÛŒ

b'\xc3\x90\xc2\xa1\xc3\x91\xe2\x82\xac\xc3\x90\xc2\xbf\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8 / srpski' <===> Ð¡Ñ€Ð¿ÑÐºÐ¸ / srpski

b'Suomi' <===> Suomi

b'Svenska' <===> Svenska

b'Tagalog' <===> Tagalog

b'\xc3\xa0\xc2\xae\xc2\xa4\xc3\xa0\xc2\xae\xc2\xae\xc3\xa0\xc2\xae\xc2\xbf\xc3\xa0\xc2\xae\xc2\xb4\xc3\xa0\xc2\xaf\xc2\x8d' <===> à®¤à®®à®¿à®´à¯

b'\xc3\xa0\xc2\xb8 \xc3\xa0\xc2\xb8\xc2\xb2\xc3\xa0\xc2\xb8\xc2\xa9\xc3\xa0\xc2\xb8\xc2\xb2\xc3\xa0\xc2\xb9\xe2\x80\x9e\xc3\xa0\xc2\xb8\xe2\x80\x94\xc3\xa0\xc2\xb8\xc2\xa2' <===> à¸ à¸²à¸©à¸²à¹„à¸—à¸¢

b'Taqbaylit' <===> Taqbaylit

b'\xc3\x90\xc2\xa2\xc3\x90\xc2\xb0\xc3\x91\xe2\x80\x9a\xc3\x90\xc2\xb0\xc3\x91\xe2\x82\xac\xc3\x91\xe2\x80\xa1\xc3\x90\xc2\xb0/tatar\xc3\x83\xc2\xa7a' <===> Ð¢Ð°Ñ‚Ð°Ñ€Ñ‡Ð°/tatarÃ§a

b'\xc3\xa0\xc2\xb0\xc2\xa4\xc3\xa0\xc2\xb1\xe2\x80\xa0\xc3\xa0\xc2\xb0\xc2\xb2\xc3\xa0\xc2\xb1\xc2\x81\xc3\xa0\xc2\xb0\xe2\x80\x94\xc3\xa0\xc2\xb1\xc2\x81' <===> à°¤à±†à°²à±à°—à±

b'\xc3\x90\xc2\xa2\xc3\x90\xc2\xbe\xc3\x92\xc2\xb7\xc3\x90\xc2\xb8\xc3\x90\xc2\xba\xc3\x93\xc2\xa3' <===> Ð¢Ð¾Ò·Ð¸ÐºÓ£

b'T\xc3\x83\xc2\xbcrk\xc3\x83\xc2\xa7e' <===> TÃ¼rkÃ§e

b'\xc3\x90\xc2\xa3\xc3\x90\xc2\xba\xc3\x91\xe2\x82\xac\xc3\x90\xc2\xb0\xc3\x91\xe2\x80\x94\xc3\x90\xc2\xbd\xc3\x91\xc2\x81\xc3\x91\xc5\x92\xc3\x90\xc2\xba\xc3\x90\xc2\xb0' <===> Ð£ÐºÑ€Ð°Ñ—Ð½ÑÑŒÐºÐ°

b'\xc3\x98\xc2\xa7\xc3\x98\xc2\xb1\xc3\x98\xc2\xaf\xc3\x99\xcb\x86' <===> Ø§Ø±Ø¯Ùˆ

b'Ti\xc3\xa1\xc2\xba\xc2\xbfng Vi\xc3\xa1\xc2\xbb\xe2\x80\xa1t' <===> Tiáº¿ng Viá»‡t

b'V\xc3\x83\xc2\xb5ro' <===> VÃµro

b'\xc3\xa6\xe2\x80\x93\xe2\x80\xa1\xc3\xa8\xc2\xa8\xe2\x82\xac' <===> æ–‡è¨€

b'\xc3\xa5\xc2\x90\xc2\xb4\xc3\xa8\xc2\xaf\xc2\xad' <===> å´è¯­

b'\xc3\x97\xe2\x84\xa2\xc3\x97\xe2\x84\xa2\xc3\x96\xc2\xb4\xc3\x97\xe2\x80\x9c\xc3\x97\xe2\x84\xa2\xc3\x97\xc2\xa9' <===> ×™×™Ö´×“×™×©

b'\xc3\xa4\xc2\xb8\xc2\xad\xc3\xa6\xe2\x80\x93\xe2\x80\xa1' <===> ä¸­æ–‡

PS D:\afs505\_u1\assignment3> python ex23.py utf-16

Traceback (most recent call last):

File "ex23.py", line 2, in <module>

script, input\_encoding, error = sys.argv

ValueError: not enough values to unpack (expected 3, got 2)

PS D:\afs505\_u1\assignment3> python ex23.py utf-8 strict

b'Afrikaans' <===> Afrikaans

b'\xc3\xa1\xc5\xa0 \xc3\xa1\xcb\x86\xe2\x80\xba\xc3\xa1\xcb\x86\xc2\xad\xc3\xa1\xc5\xa0\xe2\x80\xba' <===> áŠ áˆ›áˆ­áŠ›

b'\xc3\x90\xc2\x90\xc3\x92\xc2\xa7\xc3\x91\xc2\x81\xc3\x91\xcb\x86\xc3\x93\xe2\x84\xa2\xc3\x90\xc2\xb0' <===> ÐÒ§ÑÑˆÓ™Ð°

b'\xc3\x98\xc2\xa7\xc3\x99\xe2\x80\x9e\xc3\x98\xc2\xb9\xc3\x98\xc2\xb1\xc3\x98\xc2\xa8\xc3\x99\xc5\xa0\xc3\x98\xc2\xa9' <===> Ø§Ù„Ø¹Ø±Ø¨ÙŠØ©

b'Aragon\xc3\x83\xc2\xa9s' <===> AragonÃ©s

b'Arpetan' <===> Arpetan

b'Az\xc3\x89\xe2\x84\xa2rbaycanca' <===> AzÉ™rbaycanca

b'Bamanankan' <===> Bamanankan

b'\xc3\xa0\xc2\xa6\xc2\xac\xc3\xa0\xc2\xa6\xc2\xbe\xc3\xa0\xc2\xa6\xe2\x80\x9a\xc3\xa0\xc2\xa6\xc2\xb2\xc3\xa0\xc2\xa6\xc2\xbe' <===> à¦¬à¦¾à¦‚à¦²à¦¾

b'B\xc3\x83\xc2\xa2n-l\xc3\x83\xc2\xa2m-g\xc3\x83\xc2\xba' <===> BÃ¢n-lÃ¢m-gÃº

b'\xc3\x90\xe2\x80\x98\xc3\x90\xc2\xb5\xc3\x90\xc2\xbb\xc3\x90\xc2\xb0\xc3\x91\xe2\x82\xac\xc3\x91\xc6\x92\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb0\xc3\x91\xc2\x8f' <===> Ð‘ÐµÐ»Ð°Ñ€ÑƒÑÐºÐ°Ñ

b'\xc3\x90\xe2\x80\x98\xc3\x91\xc5\xa0\xc3\x90\xc2\xbb\xc3\x90\xc2\xb3\xc3\x90\xc2\xb0\xc3\x91\xe2\x82\xac\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8' <===> Ð‘ÑŠÐ»Ð³Ð°Ñ€ÑÐºÐ¸

b'Boarisch' <===> Boarisch

b'Bosanski' <===> Bosanski

b'\xc3\x90\xe2\x80\x98\xc3\x91\xc6\x92\xc3\x91\xe2\x82\xac\xc3\x91\xc2\x8f\xc3\x90\xc2\xb0\xc3\x90\xc2\xb4' <===> Ð‘ÑƒÑ€ÑÐ°Ð´

b'Catal\xc3\x83' <===> CatalÃ

b'\xc3\x90\xc2\xa7\xc3\x93\xe2\x80\x98\xc3\x90\xc2\xb2\xc3\x90\xc2\xb0\xc3\x91\xcb\x86\xc3\x90\xc2\xbb\xc3\x90\xc2\xb0' <===> Ð§Ó‘Ð²Ð°ÑˆÐ»Ð°

b'\xc3\x84\xc5\x92e\xc3\x85\xc2\xa1tina' <===> ÄŒeÅ¡tina

b'Cymraeg' <===> Cymraeg

b'Dansk' <===> Dansk

b'Deutsch' <===> Deutsch

b'Eesti' <===> Eesti

b'\xc3\x8e\xe2\x80\xa2\xc3\x8e\xc2\xbb\xc3\x8e\xc2\xbb\xc3\x8e\xc2\xb7\xc3\x8e\xc2\xbd\xc3\x8e\xc2\xb9\xc3\x8e\xc2\xba\xc3\x8e\xc2\xac' <===> Î•Î»Î»Î·Î½Î¹ÎºÎ¬

b'Espa\xc3\x83\xc2\xb1ol' <===> EspaÃ±ol

b'Esperanto' <===> Esperanto

b'\xc3\x99\xc2\x81\xc3\x98\xc2\xa7\xc3\x98\xc2\xb1\xc3\x98\xc2\xb3\xc3\x9b\xc5\x92' <===> ÙØ§Ø±Ø³ÛŒ

b'Fran\xc3\x83\xc2\xa7ais' <===> FranÃ§ais

b'Frysk' <===> Frysk

b'Gaelg' <===> Gaelg

b'G\xc3\x83 idhlig' <===> GÃ idhlig

b'Galego' <===> Galego

b'\xc3\xad\xe2\x80\xa2\xc5\x93\xc3\xaa\xc2\xb5\xc2\xad\xc3\xac\xe2\x80\x93\xc2\xb4' <===> í•œêµ­ì–´

b'\xc3\x95\xe2\x82\xac\xc3\x95\xc2\xa1\xc3\x95\xc2\xb5\xc3\x95\xc2\xa5\xc3\x96\xe2\x82\xac\xc3\x95\xc2\xa5\xc3\x95\xc2\xb6' <===> Õ€Õ¡ÕµÕ¥Ö€Õ¥Õ¶

b'\xc3\xa0\xc2\xa4\xc2\xb9\xc3\xa0\xc2\xa4\xc2\xbf\xc3\xa0\xc2\xa4\xc2\xa8\xc3\xa0\xc2\xa5\xc2\x8d\xc3\xa0\xc2\xa4\xc2\xa6\xc3\xa0\xc2\xa5\xe2\x82\xac' <===> à¤¹à¤¿à¤¨à¥à¤¦à¥€

b'Hrvatski' <===> Hrvatski

b'Ido' <===> Ido

b'Interlingua' <===> Interlingua

b'Italiano' <===> Italiano

b'\xc3\x97\xc2\xa2\xc3\x97\xe2\x80\x98\xc3\x97\xc2\xa8\xc3\x97\xe2\x84\xa2\xc3\x97\xc2\xaa' <===> ×¢×‘×¨×™×ª

b'\xc3\xa0\xc2\xb2\xe2\x80\xa2\xc3\xa0\xc2\xb2\xc2\xa8\xc3\xa0\xc2\xb3\xc2\x8d\xc3\xa0\xc2\xb2\xc2\xa8\xc3\xa0\xc2\xb2\xc2\xa1' <===> à²•à²¨à³à²¨à²¡

b'Kapampangan' <===> Kapampangan

b'\xc3\xa1\xc6\x92\xc2\xa5\xc3\xa1\xc6\x92\xc2\x90\xc3\xa1\xc6\x92 \xc3\xa1\xc6\x92\xe2\x80\x94\xc3\xa1\xc6\x92\xc2\xa3\xc3\xa1\xc6\x92\xc5\xa1\xc3\xa1\xc6\x92\xcb\x9c' <===> áƒ¥áƒáƒ áƒ—áƒ£áƒšáƒ˜

b'\xc3\x92\xc5\xa1\xc3\x90\xc2\xb0\xc3\x90\xc2\xb7\xc3\x90\xc2\xb0\xc3\x92\xe2\x80\xba\xc3\x91\xcb\x86\xc3\x90\xc2\xb0' <===> ÒšÐ°Ð·Ð°Ò›ÑˆÐ°

b'Krey\xc3\x83\xc2\xb2l ayisyen' <===> KreyÃ²l ayisyen

b'Latga\xc3\x84\xc2\xbcu' <===> LatgaÄ¼u

b'Latina' <===> Latina

b'Latvie\xc3\x85\xc2\xa1u' <===> LatvieÅ¡u

b'L\xc3\x83\xc2\xabtzebuergesch' <===> LÃ«tzebuergesch

b'Lietuvi\xc3\x85\xc2\xb3' <===> LietuviÅ³

b'Magyar' <===> Magyar

b'\xc3\x90\xc5\x93\xc3\x90\xc2\xb0\xc3\x90\xc2\xba\xc3\x90\xc2\xb5\xc3\x90\xc2\xb4\xc3\x90\xc2\xbe\xc3\x90\xc2\xbd\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8' <===> ÐœÐ°ÐºÐµÐ´Ð¾Ð½ÑÐºÐ¸

b'Malti' <===> Malti

b'\xc3\xa0\xc2\xa4\xc2\xae\xc3\xa0\xc2\xa4\xc2\xb0\xc3\xa0\xc2\xa4\xc2\xbe\xc3\xa0\xc2\xa4 \xc3\xa0\xc2\xa5\xe2\x82\xac' <===> à¤®à¤°à¤¾à¤ à¥€

b'\xc3\xa1\xc6\x92\xe2\x80\xba\xc3\xa1\xc6\x92\xc2\x90\xc3\xa1\xc6\x92 \xc3\xa1\xc6\x92\xe2\x80\x99\xc3\xa1\xc6\x92\xc2\x90\xc3\xa1\xc6\x92\xc5\xa1\xc3\xa1\xc6\x92\xc2\xa3\xc3\xa1\xc6\x92 \xc3\xa1\xc6\x92\xcb\x9c' <===> áƒ›áƒáƒ áƒ’áƒáƒšáƒ£áƒ áƒ˜

b'\xc3\x99\xe2\x80\xa6\xc3\x98\xc2\xa7\xc3\x98\xc2\xb2\xc3\x99\xc2\x90\xc3\x98\xc2\xb1\xc3\x99\xcb\x86\xc3\x99\xe2\x80\xa0\xc3\x9b\xc5\x92' <===> Ù…Ø§Ø²ÙØ±ÙˆÙ†ÛŒ

b'Bahasa Melayu' <===> Bahasa Melayu

b'\xc3\x90\xc5\x93\xc3\x90\xc2\xbe\xc3\x90\xc2\xbd\xc3\x90\xc2\xb3\xc3\x90\xc2\xbe\xc3\x90\xc2\xbb' <===> ÐœÐ¾Ð½Ð³Ð¾Ð»

b'Nederlands' <===> Nederlands

b'\xc3\xa0\xc2\xa4\xc2\xa8\xc3\xa0\xc2\xa5\xe2\x80\xa1\xc3\xa0\xc2\xa4\xc2\xaa\xc3\xa0\xc2\xa4\xc2\xbe\xc3\xa0\xc2\xa4\xc2\xb2 \xc3\xa0\xc2\xa4\xc2\xad\xc3\xa0\xc2\xa4\xc2\xbe\xc3\xa0\xc2\xa4\xc2\xb7\xc3\xa0\xc2\xa4\xc2\xbe' <===> à¤¨à¥‡à¤ªà¤¾à¤² à¤­à¤¾à¤·à¤¾

b'\xc3\xa6\xe2\x80\x94\xc2\xa5\xc3\xa6\xc5\x93\xc2\xac\xc3\xa8\xc2\xaa\xc5\xbe' <===> æ—¥æœ¬èªž

b'Norsk bokm\xc3\x83\xc2\xa5l' <===> Norsk bokmÃ¥l

b'Nouormand' <===> Nouormand

b'Occitan' <===> Occitan

b'O\xc3\x8a\xc2\xbbzbekcha/\xc3\x91\xc5\xbe\xc3\x90\xc2\xb7\xc3\x90\xc2\xb1\xc3\x90\xc2\xb5\xc3\x90\xc2\xba\xc3\x91\xe2\x80\xa1\xc3\x90\xc2\xb0' <===> OÊ»zbekcha/ÑžÐ·Ð±ÐµÐºÑ‡Ð°

b'\xc3\xa0\xc2\xa8\xc2\xaa\xc3\xa0\xc2\xa9\xc2\xb0\xc3\xa0\xc2\xa8\xc5\x93\xc3\xa0\xc2\xa8\xc2\xbe\xc3\xa0\xc2\xa8\xc2\xac\xc3\xa0\xc2\xa9\xe2\x82\xac' <===> à¨ªà©°à¨œà¨¾à¨¬à©€

b'\xc3\x99\xc2\xbe\xc3\x99\xe2\x80\xa0\xc3\x98\xc2\xac\xc3\x98\xc2\xa7\xc3\x98\xc2\xa8\xc3\x9b\xc5\x92' <===> Ù¾Ù†Ø¬Ø§Ø¨ÛŒ

b'\xc3\x99\xc2\xbe\xc3\x9a\xc5\xa1\xc3\x98\xc2\xaa\xc3\x99\xcb\x86' <===> Ù¾ÚšØªÙˆ

b'Plattd\xc3\x83\xc2\xbc\xc3\x83\xc2\xbctsch' <===> PlattdÃ¼Ã¼tsch

b'Polski' <===> Polski

b'Portugu\xc3\x83\xc2\xaas' <===> PortuguÃªs

b'Rom\xc3\x83\xc2\xa2n\xc3\x84\xc6\x92' <===> RomÃ¢nÄƒ

b'Romani' <===> Romani

b'\xc3\x90 \xc3\x91\xc6\x92\xc3\x91\xc2\x81\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8\xc3\x90\xc2\xb9' <===> Ð ÑƒÑÑÐºÐ¸Ð¹

b'Seeltersk' <===> Seeltersk

b'Shqip' <===> Shqip

b'Simple English' <===> Simple English

b'Sloven\xc3\x84\xc2\x8dina' <===> SlovenÄina

b'\xc3\x9a\xc2\xa9\xc3\x99\xcb\x86\xc3\x98\xc2\xb1\xc3\x98\xc2\xaf\xc3\x9b\xc5\x92\xc3\x9b\xc5\x92 \xc3\x99\xe2\x80\xa0\xc3\x98\xc2\xa7\xc3\x99\xcb\x86\xc3\x9b\xe2\x80\xa2\xc3\x99\xe2\x80\xa0\xc3\x98\xc2\xaf\xc3\x9b\xc5\x92' <===> Ú©ÙˆØ±Ø¯ÛŒÛŒ Ù†Ø§ÙˆÛ•Ù†Ø¯ÛŒ

b'\xc3\x90\xc2\xa1\xc3\x91\xe2\x82\xac\xc3\x90\xc2\xbf\xc3\x91\xc2\x81\xc3\x90\xc2\xba\xc3\x90\xc2\xb8 / srpski' <===> Ð¡Ñ€Ð¿ÑÐºÐ¸ / srpski

b'Suomi' <===> Suomi

b'Svenska' <===> Svenska

b'Tagalog' <===> Tagalog

b'\xc3\xa0\xc2\xae\xc2\xa4\xc3\xa0\xc2\xae\xc2\xae\xc3\xa0\xc2\xae\xc2\xbf\xc3\xa0\xc2\xae\xc2\xb4\xc3\xa0\xc2\xaf\xc2\x8d' <===> à®¤à®®à®¿à®´à¯

b'\xc3\xa0\xc2\xb8 \xc3\xa0\xc2\xb8\xc2\xb2\xc3\xa0\xc2\xb8\xc2\xa9\xc3\xa0\xc2\xb8\xc2\xb2\xc3\xa0\xc2\xb9\xe2\x80\x9e\xc3\xa0\xc2\xb8\xe2\x80\x94\xc3\xa0\xc2\xb8\xc2\xa2' <===> à¸ à¸²à¸©à¸²à¹„à¸—à¸¢

b'Taqbaylit' <===> Taqbaylit

b'\xc3\x90\xc2\xa2\xc3\x90\xc2\xb0\xc3\x91\xe2\x80\x9a\xc3\x90\xc2\xb0\xc3\x91\xe2\x82\xac\xc3\x91\xe2\x80\xa1\xc3\x90\xc2\xb0/tatar\xc3\x83\xc2\xa7a' <===> Ð¢Ð°Ñ‚Ð°Ñ€Ñ‡Ð°/tatarÃ§a

b'\xc3\xa0\xc2\xb0\xc2\xa4\xc3\xa0\xc2\xb1\xe2\x80\xa0\xc3\xa0\xc2\xb0\xc2\xb2\xc3\xa0\xc2\xb1\xc2\x81\xc3\xa0\xc2\xb0\xe2\x80\x94\xc3\xa0\xc2\xb1\xc2\x81' <===> à°¤à±†à°²à±à°—à±

b'\xc3\x90\xc2\xa2\xc3\x90\xc2\xbe\xc3\x92\xc2\xb7\xc3\x90\xc2\xb8\xc3\x90\xc2\xba\xc3\x93\xc2\xa3' <===> Ð¢Ð¾Ò·Ð¸ÐºÓ£

b'T\xc3\x83\xc2\xbcrk\xc3\x83\xc2\xa7e' <===> TÃ¼rkÃ§e

b'\xc3\x90\xc2\xa3\xc3\x90\xc2\xba\xc3\x91\xe2\x82\xac\xc3\x90\xc2\xb0\xc3\x91\xe2\x80\x94\xc3\x90\xc2\xbd\xc3\x91\xc2\x81\xc3\x91\xc5\x92\xc3\x90\xc2\xba\xc3\x90\xc2\xb0' <===> Ð£ÐºÑ€Ð°Ñ—Ð½ÑÑŒÐºÐ°

b'\xc3\x98\xc2\xa7\xc3\x98\xc2\xb1\xc3\x98\xc2\xaf\xc3\x99\xcb\x86' <===> Ø§Ø±Ø¯Ùˆ

b'Ti\xc3\xa1\xc2\xba\xc2\xbfng Vi\xc3\xa1\xc2\xbb\xe2\x80\xa1t' <===> Tiáº¿ng Viá»‡t

b'V\xc3\x83\xc2\xb5ro' <===> VÃµro

b'\xc3\xa6\xe2\x80\x93\xe2\x80\xa1\xc3\xa8\xc2\xa8\xe2\x82\xac' <===> æ–‡è¨€

b'\xc3\xa5\xc2\x90\xc2\xb4\xc3\xa8\xc2\xaf\xc2\xad' <===> å´è¯­

b'\xc3\x97\xe2\x84\xa2\xc3\x97\xe2\x84\xa2\xc3\x96\xc2\xb4\xc3\x97\xe2\x80\x9c\xc3\x97\xe2\x84\xa2\xc3\x97\xc2\xa9' <===> ×™×™Ö´×“×™×©

b'\xc3\xa4\xc2\xb8\xc2\xad\xc3\xa6\xe2\x80\x93\xe2\x80\xa1' <===> ä¸­æ–‡

Exercise #27

\*no code or output

Exercise #28

PS D:\afs505\_u1\assignment3> python

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license" for more information.

>>> True and True

True

>>> False and True

False

>>> 1==1 and 2 == 1

False

>>> "test" == "test"

True

>>> 1 ==1 or 2 != 1

True

>>> True and 1== 1

True

>>> False and 0 !=0

False

>>> True or 1==1

True

>>> False and 0 !=0

False

>>> "test" == "testing"

False

>>> 1 != 0 and 2 == 1

False

>>> "test" != "testing"

True

>>> "test" == 1

False

>>> not (True and False)

True

>>> not ( 1==1 and 0 != 1)

False

>>> not ( 10 == 1 or 1000 == 1000)

False

>>> not ( 1 != 10 or 3==4)

False

>>> not ("testing" == "testing" and "Zed" == "cool guy")

True

>>> 1 == 1 and (not ("testing" == 1 or 1 == 0))

True

>>> "chunky" == "bacon" and (not ( 3==4 or 3==3))

False

>>> 3 == 3 and ( not ("testing" == "testing" or "Python" == "Fun"))

False

Exercise #29

PS D:\afs505\_u1\assignment3> python ex29.py

Too many cats! The world is doomed!

The world is dry!

People are greater than or equal to dogs.

People are less than or equal to dogs.

People are dogs.

Exercise #30

PS D:\afs505\_u1\assignment3> python ex30.py

We should take the cars.

Maybe we could take the trucks.

Alright, let's just take the trucks.