

String basics in-class activity

Name: _____

1. Type the following commands in [Python Shell](#) and show the output in the field below:

```
>>> a = "What a wonderful day today!"
>>> b = "Hello,"
>>> c = "David!"
>>> d = "Mary!"
>>> e = "Tom!"
```

followed by:

```
>>> print(b,c)
>>> print(b,d)
>>> print(b,e)
>>> print(a)
```

show the output here:

2. Type the following commands in [Python Shell](#) and answer the questions.

```
>>> a = "alphabet:"
>>> alphabet = "abcdefghijklmnopqrstvwxyz"

>>> print(alphabet[13], alphabet[8], alphabet[6],alphabet[7],alphabet[19])

>>> print(a,alphabet)
>>> print(a+alphabet)
```

What is the difference in the results of the two print statements above?

```
>>> print(a[:5])
```

What does the `print` statement generate?



3. Assume we have three string variables:

```
a = "pony"  
b = "balance"  
c = "car"
```

Write the command in Python to display the word "balcony", using only these three variables.

4. Python strings:

Write a program that gets three words from the user, then displays the length of each word and then displays all the words merged together separated by -(dash).

Example, assume that the user entered: "hat", "my", "track"
then program's output should be:

```
3  
2  
5  
hat-my-track
```

