Concept: *Print statments and Input functions*

Filename:

#Comments

01	Print("Hello World")						
02	Output: Hello World						
03							
04	Print("Hello World\nHello World\nHello World\nHello World")						
05	Output: Hello World						
06	Hello World						
07	Hello World						
08	Hello World						
09							
10	print("Hello" + " " + input("What is your name?") + "!")						
11	Output: What is your name? *Anna*						
12	Output: Hello Anna !						
13							
14							
15							
16							
17							
18							

Comments for lines 01-08: Adding the \n means new line so you dont need to put Print("Hello World") repeatedadly, you can put it oall in one print statment

Comments for line 10: You can put an input function within a print function

Summary:

Lecture:

Concept: *Variables, reassigning variables, length functions*

Filename:

#Comments

```
01    name = "anna"
02    name = "harry"
03     print(name)
04     Output: harry
05
06    print(len(name))
07    Output:5
08
09    (print(len(input("What is your name?"))))        username = input("What is your username?")
                                                               length = len(username)
10    Output: What is your name?    anna                        print(length)
11    Output:4
12
13    glass1 = "milk"
      glass2 = "juice"
14    glass3 = glass1
      glass1 = glass2
15    glass2 = glass3
16    print(glass1, glass2)
17    Output: juice, milk
18
```

Line 02 comment: reassings name

Line 06 comment: len() = prints length of the string

Line 09 comment: The arrow is pointing to a more conventional way of writing this code

Line 13 comment: We have 2 variables glass1 and glass2. glass1 contains milk and glass2 contains juice. Write 3 lines of code to switch the contents of the variables. You are not allowed to type the words "milk" or "juice". You are only allowed to use variables to solve this exercise.

Summary:

Lecture: