The questions and responses for 3b exercise

1. What went wrong? Fix the issue and Indicate what does this code do?

#What went wrong? fix the issue and indicate what does this code do?

#name = "Mitch"

#Age = 26

#Full\_time\_Employee = True

#print(Name, age, full\_time\_employee)

#the variable name was misprinted in the print command

#It was Name instead of name. The capitalized n makes a difference.

#The same is true of age and full\_time\_employee

#the code prints the three variables on one line.

name = "Mitch"

Age = 26

Full\_time\_Employee = True

print(name, Age, Full\_time\_Employee)

1. What went wrong? Fix the error to get x-y

x = "20"

y = 4

print(x - y)

#What went wrong? Fix the error to get x-y

#x = "20"

#y = 4

#print(x - y)

# it had x as a string and y as an integer.

#to do the mathematical operation they both need to be integers

x = 20

y = 4

print(x - y)

1. Write a code that takes an input from a user, splits it into words and then prints them on the screen.

#Write a code that takes an input from a user, splits into words and then prints them on the screen

response = input("Tell me about your day? ")

word\_list\_in\_respons = response.split()

print("Here is a list of the words you used: ", word\_list\_in\_respons)

1. Write a code that takes an input from a user, converts it to upper case and prints it on the screen.

#Write a code that takes an input from a user, converts it to upper case

#and prints that on the screen.

response = input("Tell me a little about yourself: ")

upper\_response = response.upper()

print("I will now shout it out by all caps: ", upper\_response)

1. Write a code that prompts a user requesting his/her e-mail and then extracts the username (note that the email is in [firstname.lastname@gmail.com](mailto:firstname.lastname@gmail.com)

# Write a code that prompts a user requesting his/her email and then extracts the username

#(note that the email is in firstname.lastname@gmail.com format)

y = input("please enter your email: ")

user\_name = y.split('@')

print("your user name is: ",user\_name[0])

1. Expand on the Previous code to print “hello firstname lastname

# Write a code that prompts a user requesting his/her email and then extracts the username

#(note that the email is in firstname.lastname@gmail.com format)

#Expand on the previouse code to print "hello firstname lastname"

y = input("please enter your email: ")

user\_name = y.split('@')

print(user\_name)

first\_last = user\_name[0]

first\_last\_name = first\_last.split('.')

first\_name = first\_last\_name[0]

last\_name = first\_last\_name[1]

print("hello,",first\_name,"",last\_name)

print("your user name is: ",user\_name[0])

1. Write a code that requests the fist, last name and age and prints -

-Hello “firstname” “last name”, you are now “age”, FYI: age is just a number, you are older than ever!

# Write a code that requests the fist, last name and age and prints -

#-Hello “firstname” “last name”, you are now “age”, FYI: age is just a number, you are older than ever!

first\_name = input("Enter your first name please: ")

last\_name = input("Enter your last name please: ")

age = input("Enter in your age plese: ")

print("Hello {} {}, you are {} years old, FYI: Age is just a number, you are older than ever".format(first\_name, last\_name, age))

1. Repeat the previous exercise but print the name and age in a new line.

(research how to print in a new line)

<https://pythonprogramming.net/multi-line-printing-python-3/>

# Write a code that requests the fist, last name and age and prints -

#-Hello “firstname” “last name”, you are now “age”, FYI: age is just a number, you are older than ever!

first\_name = input("Enter your first name please: ")

last\_name = input("Enter your last name please: ")

age = input("Enter in your age plese: ")

print("Hello {} {},\n you are {} years old, \n FYI: Age is just a number, you are older than ever".format(first\_name, last\_name, age))

1. Write a code that takes the user e-mail and counts the number of username characters

* Please research len() that can be used to obtain the number of characters in a string.

#Write a code that takes the user e-mail and counts the number of username characters

#Please research len() that can be used to obtain the number of characters in a string.

email = input("Please enter in your email: ")

email\_split = email.split('@')

user\_name = email\_split[0]

length\_of\_name = len(user\_name)

print("the number of characters in your user name is: ",length\_of\_name)

1. Write a code that extracts the word hello from “hello world” in two different ways.

-please research string slicing: <https://www.py4e.com/html3/06-strings>

# Write a code that extracts the word hello from "hello world" in two different ways

# Please research string slicing - one place is https://www.py4e.com/html3/06-strings

x = "Hello World"

print(x[0:5])

print(x[:5])