*Joyce Woznica IST 652 – 7:00 Thursday*

Python Activity 1.3.2

# Activities:

**Submit your solutions in a single text file. Activity 1:**

What will the following code print out?

x = 43

x = x + 1 print (x)

1. 43
2. **44**
3. x + 1
4. Error because x = x + 1 is not possible mathematically Submit your answer. **44**

# Activity 2:

Write a sequence of statements into the Python interpreter to prompt the user for hours and rate per hour, printing each one, and then to compute gross pay as (hours \* rate). Your output lines should look something like:

Enter Hours: 35

Enter Rate: 2.75

Pay: 96.25

Don’t worry about making sure that Pay has exactly two digits after the decimal point. Submit your code and the output by doing a copy/paste from the Python interpreter.

Python 3.7.0 (default, Jun 28 2018, 07:39:16)

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

IPython 7.8.0 -- An enhanced Interactive Python.

hours = input("Enter Hours: ")

rate = input("Enter Rate: ")

pay = float(hours)\*float(rate)

print("Pay: $" + str(pay))

Enter Hours: 35

Enter Rate: 2.75

Pay: $96.25

# Activity 3:

Assume that we execute the following assignment statements:

width = 17

height = 12.0

For each of the following expressions, write the value of the expression and its type.

1. width / 2
2. width / 2.0
3. height / 3 4. 1 + 2 \* 5

Use the Python interpreter to check your answers. Submit your answers.

﻿width = 17

height = 12.0

width / 2

Out[3]: 8.5

width / 2.0

Out[4]: 8.5

height / 3

Out[5]: 4.0

1 + 2 \* 5

Out[6]: 11

# Please put your answers into one text file for submission.