ICTPRG302 - Apply introductory programming techniques –

Session 3 Worksheet

User Input and Operators

Type and run the following code.

username = input("Enter username:")

print("Username is: " + username)

* The input() function returns a string which is stored in the “username” variable
* The print function() shows it to the screen

To get an integer (whole number), you can do this:

# get text first

input input\_text = input("Enter x: ")

# convert text to number

x = int(input\_text)

Task 1: write a program which obtains multiple variables (x and y) from the user, calculates sum and outputs it to the screen. Use the input() function and formatted string (the **f** in front). Replace … with your code. Fix all errors (if any).

x = int(input("Enter x: ")) #this line convers a string to integer

y = int( … )) # replace … with your code

sum = …+… # replace … with your code

print(f"Addition of {x} and {…} is {sum}") #replace …with your code

Output example:

A picture containing text

Description automatically generated

Task 2: write a program which accepts the user’s first and last name and print them in reverse order with a space between them. Use the input() function and print function Replace … with your code.

first\_name = input("Enter your First Name : ")

last\_name = … # replace … with your code

print ("Hello " + last\_name + ….) #replace … with your code

Output example:

Text

Description automatically generated

Task 3: The max() function returns the number with the highest value. For example, **max(5, 7)**, returns 7. Given two float numbers, write a Python code that find the maximum of these two numbers. Use the input(), max() and print() functions. Replace … with your code.

first\_num = float(input(“…”)) # replace with your code

second\_num = …. # replace with your code

print ("Maximum of two numbers is: ", max(…, …)) # replace with your code

Task 4: What output will you get?

x = 5

y = 6

z = 2

print(x > y)

print(x <= y)

print(7 <= x)

print(x > y > z)

print(x < y)

print(y < x)

print(x == y)

print(x == 20)

print(x != y)

print(15 != x)

print(x >= y)

print(10 >= x)