**Week 3 Paper Practice**

For the following function show what is output for each of the calls below:

1. def bye_name(name):
   return "Bye "+name

   x = bye_name("Bob")
   print("first call = ", x, "\n")

   x = bye_name('Fred')
   print("second call = ", x, "\n")

2. def combine(first, second):
   return first+"":"+second

   x = combine("first","second")
   print("first call = ", x, "\n")

   x = combine('Fred','Bob')
   print("second call = ", x, "\n")

3. x = 32
   y = x+4
   print("y = ", y, "\n")

4. x = -42
   y = abs(x)
   print("x = ", x)

5. x = 0
   y = 15
   z = 5
   print(max(x,y,z))
6.

\[
x = 2.0 \times 10^{-6} \\
y = 1.0 \times 10^{-8} \\
z = x / y \\
\]
print(z)

7. Create a function that produces the output shown using the basic math operators (+, -, *, /, //, %):

modify_twice(10) -> returns the value 4
modify_twice(50) -> returns the value 24