Functions Practice Problems Solutions:

```
"""

Single parameter and zero parameter functions:
1.define a function that takes no parameters and prints a string
2.create a variable and assign it the value 5
3.create a function that takes a single parameter and prints it
4.call the function you created in step 1
5.call the function you created in step 3 with the variable you made in step 2 as its input

"""

# ---------------------------------------------------------------------------------------------------------

# 1.
def none():
    print("something")


# 2.
five = 5

# 3.
def fiverr(a):
    print(a)


# 4.
none()

# 5.
fiverr(five)

# ---------------------------------------------------------------------------------------------------------

""""""

multiple parameter functions:
1.create 3 variables and assign integer values to them
2.define a function that prints the difference of 2 parameters
3.define a function that prints the product of the 3 variables
4.call the function you made in step 2 using 2 of the variables you made for step 1
5.call the function you made in step 3 using the 3 variables you created for step 1

""""""

# ---------------------------------------------------------------------------------------------------------
```

```
# 1.
int1, int2, int3 = 2, 3, 4


# 2.
def diff(a, b):
    print(a - b)


# 3.
def prod(c, d, e):
    print(c * d * e)


# 4.
diff(int1, int2)

# 5.
prod(int1, int2, int3)

# ------------------------------------------------------------------------------------------------------------

"""

Calling previously defined functions within functions:
1.create 3 variables and assign float values to them
2.create a function that returns the quotient of 2 parameters
3.create a function that returns the quotient of what is returned by the function from the second step and a
third
 parameter
4.call the function you made in step 2 using 2 of the variables you created in step 1.  Assign this to a
variable.
5.print the variable you made in step 4
6.print a call of the function you made in step 3 using the 3 variables you created in step 1

"""

# ------------------------------------------------------------------------------------------------------------

# 1.
float1, float2, float3 = 1.32, 3.14159, 984.201

# 2.
def div(a, b):
    return a / b


# 3.
def div2(c, d, e):
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```
    # div(c, d) is what is returned by the function from the second step
    # e is the third parameter where c and d are the first 2 of the 3 parameters needed by the function div2
    return div(c, d) / e


# 4.
step2Func = div(float1, float2)

# 5.
print(step2Func)

# 6.
print(div2(float1, float2, float3))

# ------------------------------------------------------------------------------------------------------------
```