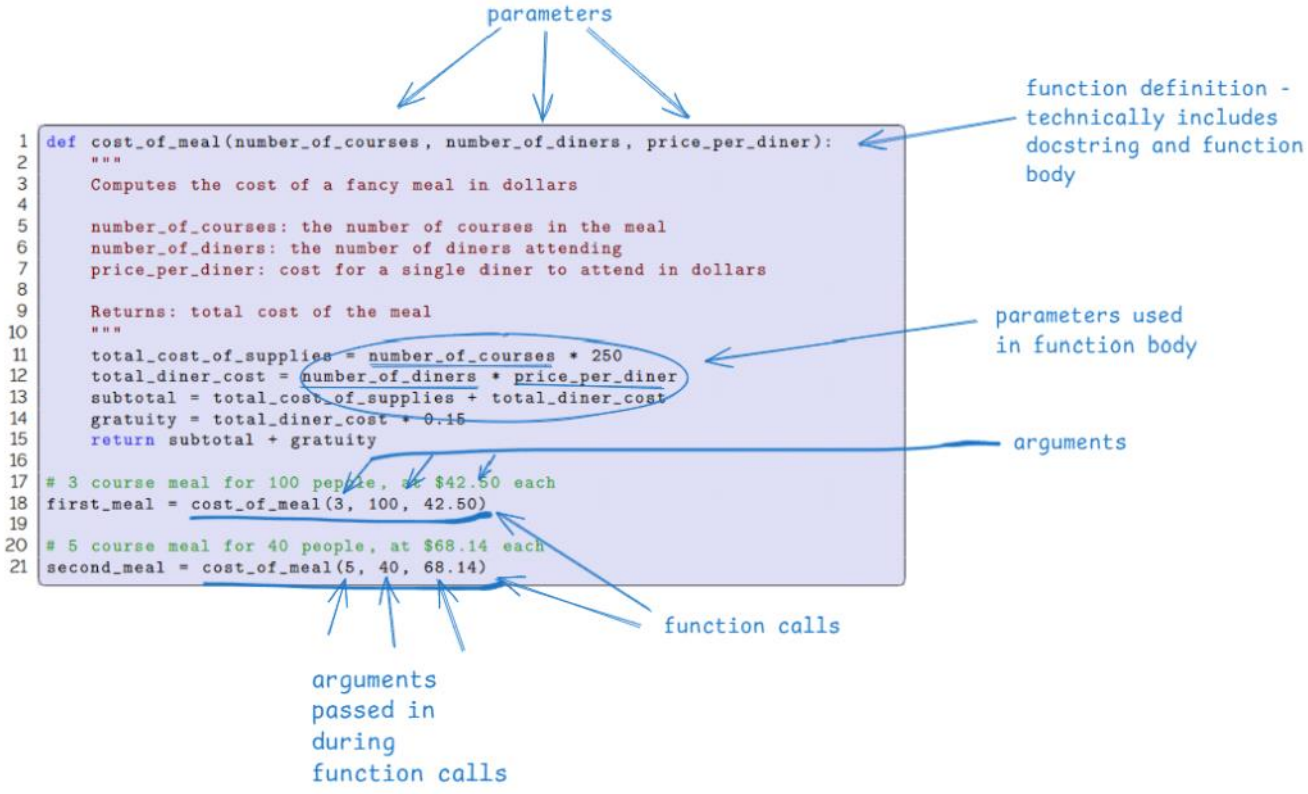
Glenn Raphael De Los Reyes
11189672
gld141




```
1  def cost_of_meal(number_of_courses, number_of_diners, price_per_diner):
2      """
3      Computes the cost of a fancy meal in dollars
4
5      number_of_courses: the number of courses in the meal
6      number_of_diners: the number of diners attending
7      price_per_diner: cost for a single diner to attend in dollars
8
9      Returns: total cost of the meal
10     """
11     total_cost_of_supplies = number_of_courses * 250
12     total_diner_cost = number_of_diners * price_per_diner
13     subtotal = total_cost_of_supplies + total_diner_cost
14     gratuity = total_diner_cost * 0.15
15     return subtotal + gratuity
16
17 # 3 course meal for 100 people, at $42.50 each
18 first_meal = cost_of_meal(3, 100, 42.50)
19
20 # 5 course meal for 40 people, at $68.14 each
21 second_meal = cost_of_meal(5, 40, 68.14)
```

e)

a. gratuity - scope is inside the function
b. second_meal - global
c. price_per_diner - inside function

f)

a. first_meal: 5637.5
b. second_meal: 4384.44