

Solution Review 1: Square Numbers and Return Their Sum

This lesson provides a solution review for the 'Square Numbers and Return Their Sum' challenge.

WE'LL COVER THE FOLLOWING ^

- Solution
- Explanation
 - Task 1
 - Task 2

Solution

```
class Point:
    def __init__(self, x, y, z):
        self.x = x
        self.y = y
        self.z = z

    def sqSum(self):
        a = self.x * self.x
        b = self.y * self.y
        c = self.z * self.z
        return(a + b + c)

obj1 = Point(4, 5, 6)
print(obj1.sqSum())
```



Explanation

Let's look at the solution for each task one by one.

Task 1

We need to create a class named `Point` with three attributes: `x`, `y`, and `z`.

- We passed parameters and assigned them to their corresponding properties.

Task 2

- We calculated the squares of the properties by multiplying them with itself and stored them in a variable.
 - We then added all the squared numbers.
 - At last, we returned their sum.
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In the next challenge, we will calculate the student's performance.