

Subject: CQ09

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```
class Line
```

```
    start: Point
```

```
    end: Point
```

```
    def __init__(self, start: Point, end: Point):
```

```
        self.start = start
```

```
        self.end = end
```

```
    def get_length(self) -> float:
```

```
        x_diff: float = (self.end.x - self.start.x) ** 2.0
```

```
        y_diff: float = (self.end.y - self.start.y) ** 2.0
```

```
        return (x_diff + y_diff) ** 0.5
```

```
obj_well: Point = Point(2.0, 1.0)
```

```
poll: Point = Point(7.0, 5.0)
```

```
path: Line = Line(obj_well, poll)
```

```
print(path.get_length())
```