

1



```
filter(lambda x: x["problem"]["problem_id"] == self.problem_id)
```

2



```
take(env["problem"]["max_iterations"]).publish()
```

3



```
buffer_with_count(3)
```

4



```
subscribe( on_next=lambda x : self.population_mixer(x),  
           on_completed = self.finish)
```

5

