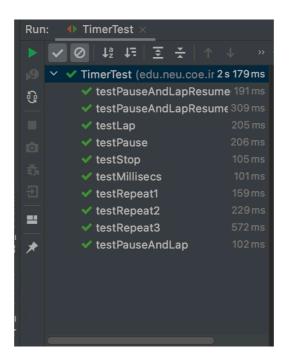
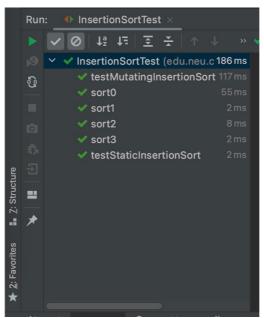
## 1. Unit Test Result:



## 2. Unit Test Result:



3. Test 5 different number of n: When n=3000:

# When n=5000:

## When n=8000:

## When n=10000:

#### When n=20000:

In sum, the random array costs the most time. And other three kinds of array cost less time.