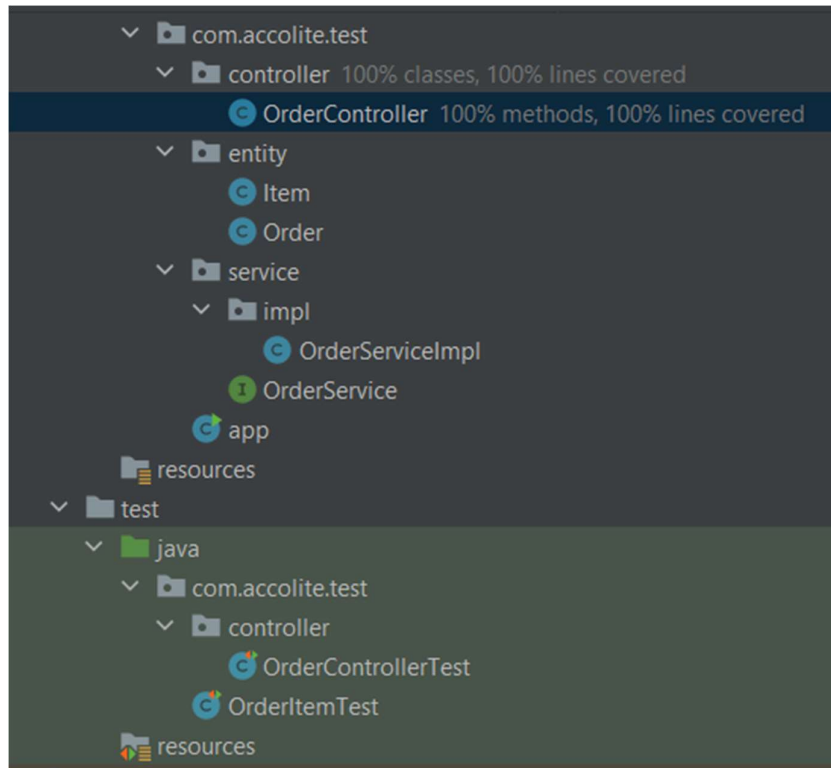# Junit Mockito Logging Assignment
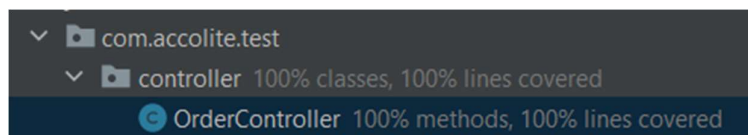
By Raj Vignesh Karunakaran

1. JUnit Cases for all functions in OrderController:
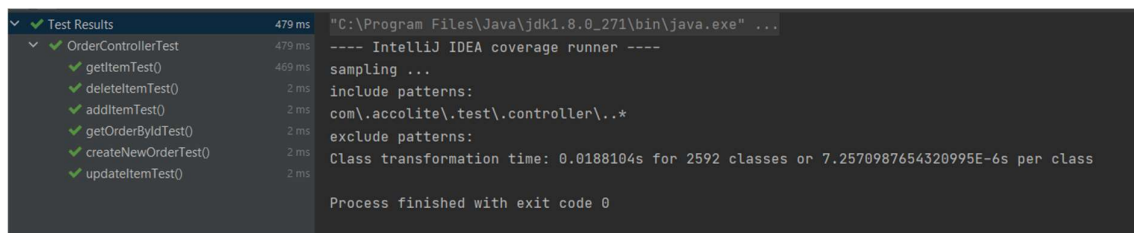

Check GitHub for Source Code

2. Coverage:

Success:

Code Coverage:

```java
22
23          int response = orderService.createNewOrder(order);
24          return response;
25
26      }
27
28      @GetMapping("/get/{orderId}")
29      public ResponseEntity<ArrayList<Order>> getOrderById(@PathVariable("orderId") int orderId) {
30
31          Order response = orderService.getOrderById(orderId);
32          if (response == null) {
33              return ResponseEntity.notFound().build();
34          }
35          ArrayList<Order> res = new ArrayList<>();
36          res.add(response);
37          return ResponseEntity.ok(res);
38      }
39
40      @PostMapping("/item/add/{orderId}")
41      public ResponseEntity<String> addItem(@RequestBody Item item,
42                                             @PathVariable("orderId") int orderId) {
43
44          String response = orderService.addItem(orderId, item);
45          return ResponseEntity.ok(response);
46
47      }
48
49      @GetMapping("/item/get/{orderId}/{itemId}")
50      public ResponseEntity<Object> getItem(@PathVariable("orderId") int orderId,
51                                            @PathVariable("itemId") int itemId) {
52          Item response = orderService.getItemById(orderId,itemId);
53          if (response == null) {
```

```java
        }
6           return ResponseEntity.ok(response);
7       }
8
9       @DeleteMapping("/item/delete/{orderId}/{itemId}")
0       public int deleteItem(@PathVariable("orderId") int orderId,
1                             @PathVariable("itemId") int itemId) {
2           String response = orderService.deleteItem(orderId,itemId);
3           return itemId;
4       }
5
6       @PutMapping("/item/update/{orderId}/{itemId}")
7       public ResponseEntity<String> updateItem(@PathVariable("orderId") int orderId,
8                                                 @PathVariable("itemId") int itemId,
9                                                 @RequestBody Item item){
0           String response = orderService.updateItem(orderId,itemId,item);
1           return ResponseEntity.ok(response);
2       }
3   }
```