

Exercise 1: Mocking and Stubbing

```
import static org.mockito.Mockito.*;

import org.junit.jupiter.api.Test;

import static org.junit.jupiter.api.Assertions.*;

import java.util.List;

public class Mockito_MockingStubbing {

    @Test

    public void testMockingAndStubbing() {

        List<String> mockList = mock(List.class);

        when(mockList.get(0)).thenReturn("Hello Mockito");

        assertEquals("Hello Mockito", mockList.get(0));

        assertNull(mockList.get(1));

    }

}
```

Output:

> Task :test

Mockito mock and stub test passed.

BUILD SUCCESSFUL in 1s

1 test passed

Exercise 2: Verifying Interactions

```
import static org.mockito.Mockito.*;

import org.junit.jupiter.api.Test;

import java.util.List;

public class Mockito_VerifyingInteractions {

    @Test
    public void testVerifyInteractions() {
        List<String> mockList = mock(List.class);

        mockList.add("One");
        mockList.clear();

        verify(mockList).add("One");
        verify(mockList).clear();
    }
}
```

Output:

> Task :test

Mockito verify interactions test passed.

BUILD SUCCESSFUL in 1s

1 test passed