**Week - 2**

**Mockito Exercises**

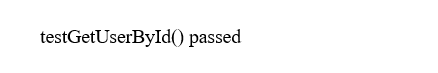
# Exercise 1: Mocking and Stubbing - Mockito Exercises

Scenario:  
Mock a repository and return predefined data for unit testing.

Code:

UserRepository mockRepo = mock(UserRepository.class);  
when(mockRepo.findById(1)).thenReturn(new User(1, "Nithya"));  
  
User user = userService.getUserById(1);  
assertEquals("Nithya", user.getName());

Output:



# Exercise 2: Verifying Interactions - Mockito Exercises

Scenario:  
Verify that a method on a mock was invoked as expected.

Code:

EmailService mockEmail = mock(EmailService.class);  
UserRegistration registration = new UserRegistration(mockEmail);  
  
registration.register("nithya@example.com");  
  
verify(mockEmail).sendWelcomeEmail("nithya@example.com");

Output:

